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Vocabulary Builder Reference from...

Skylar Tibbits: A new way to "grow" islands and coastlines | TED Talk

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

All Words

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Session 1: Word List

collaborate

v. to work with someone else to produce or achieve something

synonym: cooperate, unite, get together

(1) **collaborate** with the police, (2) **collaborate** on a press release

She agreed to **collaborate** with him in creating new artwork.

lab

n. a workplace for the conduct of scientific research; a laboratory

synonym: workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

transform

v. to change in outward structure or looks;

synonym: alter, convert, change

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

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

assemble

v. to collect in one place as a single group

synonym: gather, congregate, collect

(1) **assemble** your colleagues, (2) **assemble** a jigsaw puzzle

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

adapt

v. to make fit for or change to suit a new purpose or environment

synonym: adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed
I advised him to **adapt** to his new surroundings.

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**.

dip

v. to put something into a liquid for a short time and take it out again

synonym: dunk, dive, plunge

(1) **dip** a pen in ink, (2) **dip** a chip in the sauce

Please **dip** up a bucketful of water from the well.

underwater

adv. below or under the surface of the water

synonym: submerged, undersea, submarine

(1) hold my breath **underwater**, (2) seals sleep **underwater**

He is good at swimming **underwater**.

auxetic

adj. having the property of becoming wider or thicker when stretched, as opposed to most materials which become thinner

synonym: expanding, dilating, stretching

(1) **auxetic** fabric, (2) **auxetic** behavior

The design of **auxetic** structures can improve shock absorption and impact resistance.

temperature

n. the degree of hotness or coldness of a thing or place
synonym: climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric **temperature**

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

sunlight

n. the light emitted by the sun; the rays of the sun
synonym: daylight, rays, sunshine

(1) a glare of **sunlight**, (2) in direct **sunlight**

Radiation from **sunlight** has a different wavelength.

textile

n. any type of cloth made by weaving or felting or knitting
synonym: cloth, material, fabric

(1) **textile** production, (2) tissue **textiles**

China's **textile** industry has developed rapidly with the input of foreign capital.

porous

adj. having many small holes and being able to absorb or pass through fluids

synonym: permeable, spongy, absorbent

(1) **porous** materials, (2) **porous** membrane

Our unfenced and largely unpoliced border inevitably has been very **porous** for insurgents.

liquid

n. a substance, such as water or oil that flows freely and is neither a solid nor a gas

synonym: fluid

(1) colorless **liquid**, (2) hazardous **liquid**

The sponge takes up the **liquid** well.

inflate

v. to fill something with air or gas so that it becomes bigger and rounder

synonym: blow up, expand, puff up

(1) **inflate** a tire, (2) **inflate** expense reports

She **inflated** the balloons for the party.

structure

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

synonym: construction, architecture, establishment

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

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

morph

v. to change or cause to change something or someone smoothly and gradually from one thing to another

synonym: alter, modify, transform

(1) **morph** into a different shape, (2) **morph** into something entirely different

This company **morphed** into an enterprise company.

assembly

n. a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country

synonym: crowd, gathering, mass

(1) **assembly** line, (2) **assembly** hall

This company's **assembly** plant is an enormous facility.

precise

adj. sharply exact or accurate or delimited

synonym: accurate, exact, distinct

(1) **precise** analyses, (2) estimate **precise** costs

The content is **precise** and informative for me.

meter

n. a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse

synonym: gauge, indicator, rhythm

(1) a gas **meter**, (2) poetic **meter**

The **meter** on the wall showed that the room was three meters long.

diameter

n. the length of a straight line passing through the center of a circle and connecting two points on the circumference

synonym : diam, width

(1) **diameter** of an oval, (2) a particle **diameter**

Draw a circle five centimeters in **diameter**.

balloon

n. a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated

synonym : aerostat, blimp, (verb) billow out

(1) **balloon** ride, (2) **balloon** into a severe political problem

The satellite **balloon** slowly ascended into the sky.

airspace

n. the designated area above the surface of the earth where aircraft are allowed to fly, regulated by government authorities; the portion of the atmosphere above a particular location that is controlled by a specific country or organization

synonym : sky, zone, area

(1) **airspace** violation, (2) **airspace** restrictions

The airplane entered restricted **airspace** and had to be escorted by fighter jets.

construct

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

synonym : build, assemble, create

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

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

harsh

adj. severe and unkind; extremely tough and unpleasant to inhabit

synonym : brutal, severe, backbreaking

(1) **harsh** climate, (2) use of **harsh** chemicals

The prime minister faced **harsh** criticism.

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.

equip

v. to provide a person or a place with the things that are needed for a particular purpose or activity

synonym : prepare, furnish, provide

(1) **equip** an army, (2) **equip** our children with some special skills

The construction company **equipped** the building with an earthquake-resistant device.

helium

n. a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table

synonym : He, light gas, noble gas

(1) **helium** atom, (2) **helium** gas

The **helium-filled** balloons floated into the sky.

frame

n. a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

synonym : body, skeleton, scaffolding

(1) a picture **frame**, (2) the **frame** of the policy

The detective looked for fingerprints on the window **frame**.

gravity

n. the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn

synonym : heaviness, attraction, weight

(1) the attraction of **gravity**, (2) preserve my **gravity**

The astronaut felt weightless in space due to the absence of **gravity**.

complexity

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

synonym : intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

mechanical

adj. operated by a machine, relating to or concerned with machinery or tools

synonym: machinelike, automated, automatic

(1) a **mechanical** style of writing, (2) the influence of **mechanical** action

A **mechanical** engineer is still in demand in many companies.

device

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

synonym: gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

climate

n. the weather in a particular location averaged over some long period

synonym: atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change

Climate and weather have an impact on every part of our lifestyles.

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.

perspective

n. a confident attitude toward something; a particular style of thinking about something

synonym: viewpoint, standpoint, outlook

(1) a **perspective** view, (2) the **perspective** of the battle
His father's death changed his whole **perspective** on life.

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.

screw

v. to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together

synonym : tighten, fix, secure

(1) **screw** the cap, (2) a female **screw**

He had to **screw** the loose knob back onto the cabinet door.

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym : robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population

She is a **resilient** person and has always bounced back from setbacks.

human-made

adj. created or produced by humans; artificial

synonym : artificial, unnatural, manufactured

(1) **human-made** climate change, (2) the worst **human-made** disaster

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

infrastructure

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

synonym : foundation, framework

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

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.

imperative

adj. very important or requiring attention or action

synonym: compulsory, binding, critical

(1) moral **imperative**, (2) **imperative** need

It is **imperative** for politicians to be effective communicators.

barrier

n. a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

synonym: border, barricade, fence

(1) cost **barrier**, (2) information **barrier**

The police placed a **barrier** across the street to halt traffic.

static

adj. not moving or not capable of moving, not changing or not capable of changing

synonym: immobile, unchanging, fixed

(1) **static** electricity, (2) **static** website

The **static** image on the screen took a lot of work to make out.

dynamic

adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

synonym: energetic, active, vital

(1) a **dynamic** market, (2) **dynamic** person

The sprinter has a **dynamic** way of running.

dredge

v. to remove debris or objects from a body of water or other areas by scooping or dragging, often using special equipment called a dredge; to bring something to the surface by this process

synonym: dig, scoop, unearth

(1) **dredge** up memories, (2) **dredge** a river

The environmental group demanded that the government stop the plans to **dredge** the wetlands for oil drilling.

bunch

n. a grouping of several similar things which are growing or fastened together

synonym: group, assemblage, bundle

(1) a **bunch** of trees, (2) a **bunch** of schoolgirls

One bad apple spoils the whole **bunch**.

sand

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

synonym: grit, dust, powder

(1) **sand** dunes, (2) **sand** castle

The **sand** on the beach was warm and golden.

pump

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

synonym: drain, inject, send

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

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

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.

brand

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

synonym: trademark, label, symbol

(1) create a **brand** logo, (2) the **brand** of the new car

There's a new **brand** of hero in the movies now.

marine

adj. relating to the sea and the creatures and plants that live there

synonym: sea-dwelling, maritime, aquatic

(1) **marine** insurance, (2) variety of **marine** life

Seals and whales are **marine** animals beloved by the people.

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**.

addict

n. a person who cannot stop using or doing something as a habit, especially something harmful

synonym: devotee, buff, freak

(1) a drug **addict**, (2) Internet **addict**

We have become TV **addicts** due to video streaming services.

sandbar

n. an extended raised area of sand beneath the surface of the water, typically generated by moving currents, especially where a river enters the sea

synonym: shoal, mudbank, shallow

(1) **sandbar** migration, (2) camp on a **sandbar** along the river

At last, we came across a tiny **sandbar** just barely above the sea.

massive

adj. enormous amount; very heavy and solid

synonym: enormous, giant, immense

(1) **massive** amounts, (2) **massive** stars

The recent economic downturn has resulted in **massive** layoffs.

naturally

adv. as might be expected; by natural manners

synonym: by nature, inherently, intrinsically

(1) **naturally** arising, (2) **naturally** regenerated forest

He was **naturally** gifted.

accumulate

v. to collect or acquire a large number of things over a long period of time

synonym: amass, stash, earn

(1) **accumulate** cash value, (2) **accumulate** evidence

He has **accumulated** his wealth through real estate investments.

topography

n. the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features

synonym: terrain, landscape, geography

(1) **topography** map, (2) detailed **topography**

The **topography** of the region is rugged, with many hills and valleys.

tap

v. to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.

synonym: knock, exploit, use

(1) **tap** a new market, (2) **tap** keyboard with an index finger

To expand the company, we must **tap** new human resources.

utilize

v. to use something for a practical purpose in an effective way

synonym : employ, use, operate

(1) **utilize** a different approach, (2) **utilize** a catheter

The cook **utilized** the leftover oxtail to make soup.

landscape

n. an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

synonym : geography, terrain, topography

(1) a peaceful **landscape**, (2) **landscape** painting

Recent electoral shocks have shaken the political **landscape** in Europe.

promote

v. to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank

synonym : boost, raise, advertise

(1) **promote** a better relationship, (2) **promote** bad behavior

The government should do more to **promote** sustainable agribusiness.

accumulation

n. an amount of something obtained via natural growth or addition

synonym : accretion, pileup, upsurge

(1) **accumulation** of wealth, (2) **accumulation** effect

Accumulation of fuel discounts is common practice among many retailers.

propose

v. to make a proposal, declare a plan for something

synonym : suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes

I want to **propose** a toast in honor of our longstanding relationship.

destroy

v. to ruin or damage severely or completely; to eradicate or eliminate completely

synonym : demolish, ruin, obliterate

(1) **destroy** the ecosystem, (2) **destroyed** evidence
The building was **destroyed** in the fire and had to be rebuilt.

geometry

n. the area of pure mathematics that deals with the points, lines, curves, and surfaces

(1) Euclidean **geometry**, (2) spherical **geometry**
The mathematician pioneered fractal **geometry**.

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.

turbulence

n. a state of great disturbance, confusion, or uncertainty, often accompanied by violent or disruptive activity or behavior, such as air turbulence during a flight
synonym: choppiness, tumult, agitation

(1) financial **turbulence**, (2) emotional **turbulence**
The ride on the rollercoaster was full of dips and turns, creating a feeling of **turbulence**.

aerial

n. a type of acrobatics or gymnastics performed while suspended from hanging fabric or rings; a pass or shot in sports (particularly in soccer or volleyball) that is made while the player is in the air
synonym: antenna, skywire, transmitter

(1) **aerial** antenna, (2) **aerial** photography
The **aerial** view from the airplane showed the beautiful landscape below.

fabricate

v. to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
synonym: manufacture, assemble, falsify

(1) **fabricate** a chemical, (2) **fabricate** an excuse
The detective discovered that the witness had **fabricated** her

story about the crime.

roll v. to move in a particular direction by turning over and over or from side to side
synonym: spin, swirl, wheel
(1) **roll** a ball, (2) **roll** down his cheeks
He was exhausted and **rolled** into bed as soon as he got home.

canvas n. the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on
(1) blank **canvas**, (2) oil on **canvas**
Life is a vast **canvas**; you should put as much paint on it as possible.

biodegrade v. to decay naturally by microorganisms, such as bacteria and fungi
(1) **biodegrade** by the microorganism, (2) bioplastic designed to **biodegrade**
The company's plastic products are easily **biodegraded** thanks to a unique manufacturing process.

sew v. to join, fasten, or repair two pieces of something by putting the thread through them with a needle
synonym: stitch, darn, tailor
(1) **sew** with thread, (2) **sew** a button
My mother taught me how to **sew**.

bladder n. a hollow, flexible sac-like organ in the body that stores and expels fluids, such as urine or bile
synonym: vesica, cyst, sac
(1) **bladder** infection, (2) swollen **bladder**
Drinking too much coffee can irritate the **bladder** and cause frequent urination.

festival

n. a celebration or event, usually marking a particular religious or cultural occasion, often involving processions, music, dancing, and the performance of plays or other artistic works

synonym: fair, holiday, celebration

(1) **festival** attendee, (2) international film **festival**

The music **festival** attracts visitors from all over the world.

sunburn

n. a painful reddening of the skin caused by overexposure to the sun's ultraviolet rays

synonym: burn, tan, redness

(1) get a **sunburn**, (2) **sunburn** cream

I forgot to put on sunscreen, and now I have a painful **sunburn** on my back.

sediment

n. the substance that forms a solid layer at the bottom of the liquid

synonym: deposition, residue

(1) **sediment** runoff, (2) gravel **sediment**

Heavy rain often washes away **sediments** of the river.

transport

n. a system for moving people or products from one location to another using automobiles, roads, and so on

synonym: shipment, transit, conveyance

(1) **transport** facilities, (2) access to public **transport**

Enhanced rail **transportation** is crucial for our business.

stingray

n. a marine fish with a flattened diamond-shaped body, a long tail bearing venomous spines, and large pectoral fins that are used for swimming

synonym: sting fish

(1) **stingray** habitat, (2) blue-spotted **stingray**

The tour guide warned us not to step on a hidden **stingray** in the shallow water.

ripple

n. a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind

synonym: wave, undulation, fluctuation

(1) a **ripple** of laughter, (2) **ripple** in the water

Many businesses felt the **ripple** effect of the economy's decline.

ongoing

adj. continuing to exist or develop, or currently happening

synonym: continuous, current, proceeding

(1) still **ongoing**, (2) **ongoing** support

The new prime minister has vowed to take measures against the **ongoing** economic crisis.

satellite

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

synonym: orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**

Launching an artificial **satellite** contributed to the technological development of our country.

imagery

n. the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events

synonym: metaphors, symbolism, imaging

(1) visual **imagery**, (2) satellite **imagery**

This movie is famous for its romantic **imagery**.

bathymetry

n. the study or measurement of the depth and topography of underwater areas, particularly the ocean floor

synonym: oceanography, hydrography

(1) high-resolution **bathymetry**, (2) **bathymetry** data

The **bathymetry** of the ocean floor can help scientists understand underwater topography.

vision

n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to

see

synonym : sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**

Driving is difficult for me because of my poor **vision**.

submersible

adj. able to be operated or used underwater; capable of being submerged in water or other liquid

synonym : submarine, underwater, submerged

(1) **submersible** pump, (2) **submersible** cable

The **submersible** vehicle can explore the depths of the ocean.

submarine

n. a type of underwater vehicle or vessel that can operate beneath the surface of the water; (adjective) beneath the surface of the sea

synonym : sub, underwater vessel, sea-craft

(1) a **submarine** volcano, (2) **submarine** cable

The military **submarine** disappeared without a trace.

adaptable

adj. able or willing to modify or be modified to deal with new situations

synonym : flexible, adjustable, elastic

(1) **adaptable** enough for the environment, (2) an **adaptable** person

We seek a candidate who possesses **adaptable** fighting potential.

reef

n. a long chain or range of rocks or sand near the ocean's surface

(1) barrier **reef**, (2) coral **reefs**

The vessel ran aground on a **reef**.

deploy

v. to move troops or weapons into a position or military action; to bring into something in an effective way

synonym : set up, expand, launch

(1) **deploy** troops for battle, (2) **deploy** safety measures

This country **deployed** its weapons in the east region.

nation

n. a large organized community of people living in a particular country or region and having a particular culture

synonym : country, state, sovereign entity

(1) **nation-state**, (2) a seafaring **nation**

The **nation** of Japan is known for its unique culture and advanced technology.

battery

n. a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

synonym : electric cell, array, batch

(1) a dry **battery**, (2) **battery** charging

The engine did not start because the **battery** was flat.

ultimate

adj. furthest or highest in degree or order

synonym : highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.

specifically

adv. only associated with or meant for one thing

synonym : especially, particularly, notably

(1) designed **specifically** for men, (2) for **specifically** American customers

This ad campaign is aimed **specifically** at young women.

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym : evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

adaptation

n. the action or process of changing to suit different conditions

synonym: adaption, adjustment, transformation

(1) **adaptation** ability, (2) language **adaptation**

The company's **adaptation** approach has been highly effective.

resistance

n. the act of defending oneself from an aggressor or refusing to accept something

synonym: opposition, antagonism, defiance

(1) **resistance** movement, (2) **resistance** to insulin

The bill to increase the consumption tax had passed despite much **resistance** from the public.

destruction

n. the act of causing so much damage to something

synonym: devastation, annihilation, ruin

(1) path of **destruction**, (2) cyclonic **destruction**

The extinction of several subspecies has been linked to climate change and habitat **destruction**.

Session 2: Spelling

1. ex____e weather events *adj.* very great in amount or degree
2. de____yed evidence *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
3. as____le a jigsaw puzzle *v.* to collect in one place as a single group
4. change the ec____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
5. po____s membrane *adj.* having many small holes and being able to absorb or pass through fluids
6. a hard and re____nt steel *adj.* able to withstand or recover quickly from difficult conditions
7. hold my breath und____er *adv.* below or under the surface of the water
8. la____pe painting *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
9. env____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
10. d_p a chip in the sauce *v.* to put something into a liquid for a short time and take it out again
11. a seafaring na____n *n.* a large organized community of people living in a particular country or region and having a particular culture

ANSWERS: 1. extreme, 2. destroy, 3. assemble, 4. ecosystem, 5. porous, 6. resilient, 7. underwater, 8. landscape, 9. environment, 10. dip, 11. nation

12. a mec_____al style of writing *adj.* operated by a machine, relating to or concerned with machinery or tools
13. information ba_____r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
14. coral r__fs *n.* a long chain or range of rocks or sand near the ocean's surface
15. bl_____r infection *n.* a hollow, flexible sac-like organ in the body that stores and expels fluids, such as urine or bile
16. a ri___e of laughter *n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind
17. the attraction of gr_____y *n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
18. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
19. res_____ce movement *n.* the act of defending oneself from an aggressor or refusing to accept something
20. na_____ly arising *adv.* as might be expected; by natural manners
21. dr___e a river *v.* to remove debris or objects from a body of water or other areas by scooping or dragging, often using special equipment called a dredge; to bring something to the surface by this process

ANSWERS: 12. mechanical, 13. barrier, 14. reef, 15. bladder, 16. ripple, 17. gravity, 18. transport, 19. resistance, 20. naturally, 21. dredge

22. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
23. the worst hum_____de disaster *adj.* created or produced by humans; artificial
24. dy_____c person *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
25. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
26. r__l a ball *v.* to move in a particular direction by turning over and over or from side to side
27. barrier r__f *n.* a long chain or range of rocks or sand near the ocean's surface
28. st___c electricity *adj.* not moving or not capable of moving, not changing or not capable of changing
29. gravel se_____nt *n.* the substance that forms a solid layer at the bottom of the liquid
30. effects of cl_____e change *n.* the weather in a particular location averaged over some long period
31. a dy_____c market *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
32. cost ba_____r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

ANSWERS: 22. bunch, 23. human-made, 24. dynamic, 25. complexity, 26. roll, 27. reef, 28. static, 29. sediment, 30. climate, 31. dynamic, 32. barrier

33. a particle di_____er *n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference
34. the per_____ve of the battle *n.* a confident attitude toward something; a particular style of thinking about something
35. 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
36. visual im_____y *n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
37. au_____c behavior *adj.* having the property of becoming wider or thicker when stretched, as opposed to most materials which become thinner
38. detailed top_____hy *n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features
39. ba_____n ride *n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated

ANSWERS: 33. diameter, 34. perspective, 35. sink, 36. imagery, 37. auxetic, 38. topography, 39. balloon

40. he___m gas *n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
41. ma_____e stars *adj.* enormous amount; very heavy and solid
42. bio_____de by the microorganism *v.* to decay naturally by microorganisms, such as bacteria and fungi
43. ma_____e amounts *adj.* enormous amount; very heavy and solid
44. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
45. tissue te_____es *n.* any type of cloth made by weaving or felting or knitting
46. sc__w the cap *v.* to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together
47. the br__d of the new car *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
48. international film fe_____al *n.* a celebration or event, usually marking a particular religious or cultural occasion, often involving processions, music, dancing, and the performance of plays or other artistic works
49. co_____ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole

ANSWERS: 40. helium, 41. massive, 42. biodegrade, 43. massive, 44. structure, 45. textile, 46. screw, 47. brand, 48. festival, 49. construct

50. ri___e in the water *n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind
51. the ul_____te goal in life *adj.* furthest or highest in degree or order
52. pr_____e the amendment *v.* to make a proposal, declare a plan for something
53. as_____ly hall *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
54. mo__h into a different shape *v.* to change or cause to change something or someone smoothly and gradually from one thing to another
55. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
56. telescopic vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
57. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
58. d_p a pen in ink *v.* to put something into a liquid for a short time and take it out again
59. preserve my gr_____y *n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
60. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment

ANSWERS: 50. ripple, 51. ultimate, 52. propose, 53. assembly, 54. morph, 55. complexity, 56. vision, 57. structure, 58. dip, 59. gravity, 60. ecosystem

61. ae___l antenna *n.* a type of acrobatics or gymnastics performed while suspended from hanging fabric or rings; a pass or shot in sports (particularly in soccer or volleyball) that is made while the player is in the air
62. in_____ct with one another *v.* to communicate or react with somebody
63. de_____y the ecosystem *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
64. p__p a secret out of success *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
65. s_w with thread *v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle
66. hum_____de climate change *adj.* created or produced by humans; artificial
67. poetic me__r *n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse
68. mo__h into something entirely different *v.* to change or cause to change something or someone smoothly and gradually from one thing to another
69. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place

ANSWERS: 61. aerial, 62. interact, 63. destroy, 64. pump, 65. sew, 66. human-made, 67. meter, 68. morph, 69. temperature

70. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together
71. estimate pr____e costs *adj.* sharply exact or accurate or delimited
72. ut____e a catheter *v.* to use something for a practical purpose in an effective way
73. res____ce to insulin *n.* the act of defending oneself from an aggressor or refusing to accept something
74. a dry ba____y *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
75. ba____y charging *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
76. in____e a tire *v.* to fill something with air or gas so that it becomes bigger and rounder
77. path of des____on *n.* the act of causing so much damage to something
78. s__d dunes *n.* finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
79. su____n cream *n.* a painful reddening of the skin caused by overexposure to the sun's ultraviolet rays
80. re____nt population *adj.* able to withstand or recover quickly from difficult conditions

ANSWERS: 70. bunch, 71. precise, 72. utilize, 73. resistance, 74. battery, 75. battery, 76. inflate, 77. destruction, 78. sand, 79. sunburn, 80. resilient

81. a gas me__r *n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse
82. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
83. use of ha__h chemicals *adj.* severe and unkind; extremely tough and unpleasant to inhabit
84. dr___e up memories *v.* to remove debris or objects from a body of water or other areas by scooping or dragging, often using special equipment called a dredge; to bring something to the surface by this process
85. spherical ge____ry *n.* the area of pure mathematics that deals with the points, lines, curves, and surfaces
86. ex_____e sports *adj.* very great in amount or degree
87. acc_____ion of wealth *n.* an amount of something obtained via natural growth or addition
88. still on_____g *adj.* continuing to exist or develop, or currently happening
89. co_____ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
90. s_w a button *v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle
91. get a su_____n *n.* a painful reddening of the skin caused by overexposure to the sun's ultraviolet rays

ANSWERS: 81. meter, 82. temperature, 83. harsh, 84. dredge, 85. geometry, 86. extreme, 87. accumulation, 88. ongoing, 89. construct, 90. sew, 91. sunburn

92. a female sc__w
v. to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together
93. ad_____le enough for the environment
adj. able or willing to modify or be modified to deal with new situations
94. ha__h climate
adj. severe and unkind; extremely tough and unpleasant to inhabit
95. l_b instrument
n. a workplace for the conduct of scientific research; a laboratory
96. a GPS sa_____te
n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
97. col_____te with the police
v. to work with someone else to produce or achieve something
98. access to public tr_____rt
n. a system for moving people or products from one location to another using automobiles, roads, and so on
99. fa_____te a chemical
v. to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
100. electronic de___e
n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 92. screw, 93. adaptable, 94. harsh, 95. lab, 96. satellite, 97. collaborate, 98. transport, 99. fabricate, 100. device

101. tr_____m an education system *v.* to change in outward structure or looks;
102. a drug ad____t *n.* a person who cannot stop using or doing something as a habit, especially something harmful
103. cyclonic des_____on *n.* the act of causing so much damage to something
104. a cold cl_____e *n.* the weather in a particular location averaged over some long period
105. acc_____te evidence *v.* to collect or acquire a large number of things over a long period of time
106. Internet ad____t *n.* a person who cannot stop using or doing something as a habit, especially something harmful
107. fe_____al attendee *n.* a celebration or event, usually marking a particular religious or cultural occasion, often involving processions, music, dancing, and the performance of plays or other artistic works
108. the fr__e of the policy *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
109. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
110. as_____le your colleagues *v.* to collect in one place as a single group

ANSWERS: 101. transform, 102. addict, 103. destruction, 104. climate, 105. accumulate, 106. addict, 107. festival, 108. frame, 109. develop, 110. assemble

111. sub_____le cable *adj.* able to be operated or used underwater; capable of being submerged in water or other liquid
112. tr_____rm heat into power *v.* to change in outward structure or looks;
113. r__l down his cheeks *v.* to move in a particular direction by turning over and over or from side to side
114. a picture fr__e *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
115. su_____ne cable *n.* a type of underwater vehicle or vessel that can operate beneath the surface of the water; (adjective) beneath the surface of the sea
116. seals sleep und_____er *adv.* below or under the surface of the water
117. de___y safety measures *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
118. a glare of su_____ht *n.* the light emitted by the sun; the rays of the sun
119. a per_____ve view *n.* a confident attitude toward something; a particular style of thinking about something
120. in_____ct directly with customers *v.* to communicate or react with somebody
121. ma___e insurance *adj.* relating to the sea and the creatures and plants that live there
122. pr_____e bad behavior *v.* to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank

ANSWERS: 111. submersible, 112. transform, 113. roll, 114. frame, 115. submarine, 116. underwater, 117. deploy, 118. sunlight, 119. perspective, 120. interact, 121. marine, 122. promote

123. s__d castle *n.* finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
124. de____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
125. ty____l leader *adj.* having the usual characteristics or traits of a specific group of things
126. ada_____on ability *n.* the action or process of changing to suit different conditions
127. colorless li___d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
128. de___y troops for battle *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
129. fairly ty____l symptoms *adj.* having the usual characteristics or traits of a specific group of things
130. bioplastic designed to bio_____de *v.* to decay naturally by microorganisms, such as bacteria and fungi
131. a meteorological sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

ANSWERS: 123. sand, 124. develop, 125. typical, 126. adaptation, 127. liquid, 128. deploy, 129. typical, 130. biodegrade, 131. satellite

132. pr_____e a better relationship *v.* to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank
133. pr_____e analyses *adj.* sharply exact or accurate or delimited
134. imp_____ve need *adj.* very important or requiring attention or action
135. hazardous li____d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
136. te_____e production *n.* any type of cloth made by weaving or felting or knitting
137. a su_____ne volcano *n.* a type of underwater vehicle or vessel that can operate beneath the surface of the water; (adjective) beneath the surface of the sea
138. for spe_____lly American customers *adv.* only associated with or meant for one thing
139. the influence of mec_____al action *adj.* operated by a machine, relating to or concerned with machinery or tools
140. st_____ay habitat *n.* a marine fish with a flattened diamond-shaped body, a long tail bearing venomous spines, and large pectoral fins that are used for swimming
141. col_____te on a press release *v.* to work with someone else to produce or achieve something
142. top_____hy map *n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features

ANSWERS: 132. promote, 133. precise, 134. imperative, 135. liquid, 136. textile, 137. submarine, 138. specifically, 139. mechanical, 140. stingray, 141. collaborate, 142. topography

143. t_p a new market *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
144. ut____e a different approach *v.* to use something for a practical purpose in an effective way
145. create a br__d logo *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
146. au____c fabric *adj.* having the property of becoming wider or thicker when stretched, as opposed to most materials which become thinner
147. an ad_____le person *adj.* able or willing to modify or be modified to deal with new situations
148. designed spe_____lly for men *adv.* only associated with or meant for one thing
149. su____e a blizzard *v.* to live or exist despite a dangerous event or period
150. st___c website *adj.* not moving or not capable of moving, not changing or not capable of changing
151. satellite im____y *n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
152. su____e a plane crash *v.* to live or exist despite a dangerous event or period

ANSWERS: 143. tap, 144. utilize, 145. brand, 146. auxetic, 147. adaptable, 148. specifically, 149. survive, 150. static, 151. imagery, 152. survive

153. he___m atom *n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
154. di_____er of an oval *n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference
155. moral imp_____ve *adj.* very important or requiring attention or action
156. eq__p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
157. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
158. eq__p our children with some special skills *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
159. as_____ly line *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
160. emotional tur_____ce *n.* a state of great disturbance, confusion, or uncertainty, often accompanied by violent or disruptive activity or behavior, such as air turbulence during a flight
161. language ada_____on *n.* the action or process of changing to suit different conditions
162. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire

ANSWERS: 153. helium, 154. diameter, 155. imperative, 156. equip, 157. adapt, 158. equip, 159. assembly, 160. turbulence, 161. adaptation, 162. amazing

163. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
164. 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
165. pr_____e changes *v.* to make a proposal, declare a plan for something
166. ba_____n into a severe political problem *n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
167. na_____ly regenerated forest *adv.* as might be expected; by natural manners
168. a prodigious vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
169. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
170. acc_____te cash value *v.* to collect or acquire a large number of things over a long period of time
171. ai_____ce violation *n.* the designated area above the surface of the earth where aircraft are allowed to fly, regulated by government authorities; the portion of the atmosphere above a particular location that is controlled by a specific country or organization

ANSWERS: 163. lab, 164. sink, 165. propose, 166. balloon, 167. naturally, 168. vision, 169. amazing, 170. accumulate, 171. airspace

172. inf_____ure cost *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
173. bat_____ry data *n.* the study or measurement of the depth and topography of underwater areas, particularly the ocean floor
174. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
175. IT inf_____ure *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
176. the ul_____te luxury *adj.* furthest or highest in degree or order
177. na____n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
178. fa_____te an excuse *v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
179. blank ca____s *n.* the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on
180. po____s materials *adj.* having many small holes and being able to absorb or pass through fluids
181. se_____nt runoff *n.* the substance that forms a solid layer at the bottom of the liquid

ANSWERS: 172. infrastructure, 173. bathymetry, 174. adapt, 175. infrastructure, 176. ultimate, 177. nation, 178. fabricate, 179. canvas, 180. porous, 181. sediment

182. sa____r migration *n.* an extended raised area of sand beneath the surface of the water, typically generated by moving currents, especially where a river enters the sea
183. acc_____ion effect *n.* an amount of something obtained via natural growth or addition
184. camp on a sa____r along the river *n.* an extended raised area of sand beneath the surface of the water, typically generated by moving currents, especially where a river enters the sea
185. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
186. a peaceful la_____pe *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
187. sub_____le pump *adj.* able to be operated or used underwater; capable of being submerged in water or other liquid
188. financial tur_____ce *n.* a state of great disturbance, confusion, or uncertainty, often accompanied by violent or disruptive activity or behavior, such as air turbulence during a flight
189. oil on ca____s *n.* the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on
190. blue-spotted st____ay *n.* a marine fish with a flattened diamond-shaped body, a long tail bearing venomous spines, and large pectoral fins that are used for swimming

ANSWERS: 182. sandbar, 183. accumulation, 184. sandbar, 185. environment, 186. landscape, 187. submersible, 188. turbulence, 189. canvas, 190. stingray

191. ai_____ce restrictions *n.* the designated area above the surface of the earth where aircraft are allowed to fly, regulated by government authorities; the portion of the atmosphere above a particular location that is controlled by a specific country or organization
192. swollen bl_____r *n.* a hollow, flexible sac-like organ in the body that stores and expels fluids, such as urine or bile
193. in direct su_____ht *n.* the light emitted by the sun; the rays of the sun
194. t_p keyboard with an index finger *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
195. tracking de_____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
196. variety of ma_____e life *adj.* relating to the sea and the creatures and plants that live there
197. high-resolution bat_____ry *n.* the study or measurement of the depth and topography of underwater areas, particularly the ocean floor
198. ae____l photography *n.* a type of acrobatics or gymnastics performed while suspended from hanging fabric or rings; a pass or shot in sports (particularly in soccer or volleyball) that is made while the player is in the air

ANSWERS: 191. airspace, 192. bladder, 193. sunlight, 194. tap, 195. device, 196. marine, 197. bathymetry, 198. aerial

199. on____g support

adj. continuing to exist or develop, or currently happening

200. p__p blood throughout the body

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

201. Euclidean ge____ry

n. the area of pure mathematics that deals with the points, lines, curves, and surfaces

202. in____e expense reports

v. to fill something with air or gas so that it becomes bigger and rounder

ANSWERS: 199. ongoing, 200. pump, 201. geometry, 202. inflate

Session 3: Fill in the Blanks

1. I always carry a backup _____ in case my phone runs out of battery.
n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
2. The sprinter has a _____ way of running.
adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
3. The _____ of Japan is known for its unique culture and advanced technology.
n. a large organized community of people living in a particular country or region and having a particular culture
4. Cities around the world set records for highest _____ this summer.
n. the degree of hotness or coldness of a thing or place
5. The _____ of the ocean floor can help scientists understand underwater topography.
n. the study or measurement of the depth and topography of underwater areas, particularly the ocean floor
6. She is a _____ person and has always bounced back from setbacks.
adj. able to withstand or recover quickly from difficult conditions
7. The ride on the rollercoaster was full of dips and turns, creating a feeling of _____.
n. a state of great disturbance, confusion, or uncertainty, often accompanied by violent or disruptive activity or behavior, such as air turbulence during a flight

ANSWERS: 1. device, 2. dynamic, 3. nation, 4. temperatures, 5. bathymetry, 6. resilient, 7. turbulence

8. We have become TV _____ due to video streaming services.
n. a person who cannot stop using or doing something as a habit, especially something harmful
9. Please ___ up a bucketful of water from the well.
v. to put something into a liquid for a short time and take it out again
10. The bridge is a _____ structure and was built to span the river.
adj. created or produced by humans; artificial
11. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire
12. He _____ hypotheses that no mathematician has ever imagined before.
v. to build or create something; to assemble or combine different parts to form something whole
13. This country _____ its weapons in the east region.
v. to move troops or weapons into a position or military action; to bring into something in an effective way
14. Solar gravity creates _____ pressures and temperatures.
adj. very great in amount or degree
15. He is good at swimming _____.
adv. below or under the surface of the water
16. The satellite _____ slowly ascended into the sky.
n. a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated

ANSWERS: 8. addicts, 9. dip, 10. human-made, 11. amazing, 12. constructs, 13. deployed, 14. extreme, 15. underwater, 16. balloon

17. Heavy rain often washes away _____ of the river.

n. the substance that forms a solid layer at the bottom of the liquid

18. This company _____ into an enterprise company.

v. to change or cause to change something or someone smoothly and gradually from one thing to another

19. She agreed to _____ with him in creating new artwork.

v. to work with someone else to produce or achieve something

20. A _____ engineer is still in demand in many companies.

adj. operated by a machine, relating to or concerned with machinery or tools

21. This artwork is _____ of her work.

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

22. Driving is difficult for me because of my poor _____.

n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

23. The design of _____ structures can improve shock absorption and impact resistance.

adj. having the property of becoming wider or thicker when stretched, as opposed to most materials which become thinner

24. The mathematician pioneered fractal _____.

n. the area of pure mathematics that deals with the points, lines, curves, and surfaces

ANSWERS: 17. sediments, 18. morphed, 19. collaborate, 20. mechanical, 21. typical, 22. vision, 23. auxetic, 24. geometry

25. Many businesses felt the _____ effect of the economy's decline.
- n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind
26. One bad apple spoils the whole _____.
- n.* a grouping of several similar things which are growing or fastened together
27. Our unfenced and largely unpoliced border inevitably has been very _____ for insurgents.
- adj.* having many small holes and being able to absorb or pass through fluids
28. At last, we came across a tiny _____ just barely above the sea.
- n.* an extended raised area of sand beneath the surface of the water, typically generated by moving currents, especially where a river enters the sea
29. He had to _____ the loose knob back onto the cabinet door.
- v.* to turn something, such as a bolt, with a driver or wrench to tighten or loosen it;
(noun) a cylindrical rod with a helical ridge used to fasten things together
30. The _____ on the beach was warm and golden.
- n.* finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
31. The recent economic downturn has resulted in _____ layoffs.
- adj.* enormous amount; very heavy and solid
32. There's a new _____ of hero in the movies now.
- n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

ANSWERS: 25. ripple, 26. bunch, 27. porous, 28. sandbar, 29. screw, 30. sand, 31. massive, 32. brand

33. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.
- n.* a workplace for the conduct of scientific research; a laboratory
34. It is _____ for politicians to be effective communicators.
- adj.* very important or requiring attention or action
35. The company's plastic products are easily _____ thanks to a unique manufacturing process.
- v.* to decay naturally by microorganisms, such as bacteria and fungi
36. He should _____ more with his colleagues.
- v.* to communicate or react with somebody
37. I forgot to put on sunscreen, and now I have a painful _____ on my back.
- n.* a painful reddening of the skin caused by overexposure to the sun's ultraviolet rays
38. The cook _____ the leftover oxtail to make soup.
- v.* to use something for a practical purpose in an effective way
39. 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
40. The detective looked for fingerprints on the window _____.
- n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
41. Seals and whales are _____ animals beloved by the people.
- adj.* relating to the sea and the creatures and plants that live there

ANSWERS: 33. lab, 34. imperative, 35. biodegraded, 36. interact, 37. sunburn, 38. utilized, 39. environment, 40. frame, 41. marine

42. Launching an artificial _____ contributed to the technological development of our country.
- n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
43. Drinking too much coffee can irritate the _____ and cause frequent urination.
- n.* a hollow, flexible sac-like organ in the body that stores and expels fluids, such as urine or bile
44. China's _____ industry has developed rapidly with the input of foreign capital.
- n.* any type of cloth made by weaving or felting or knitting
45. These birds can only _____ in temperate climates.
- v.* to live or exist despite a dangerous event or period
46. Life is a vast _____ you should put as much paint on it as possible.
- n.* the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on
47. She _____ the balloons for the party.
- v.* to fill something with air or gas so that it becomes bigger and rounder
48. Aging societies tend to require huge costs for _____ maintenance.
- n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
49. Management must take _____ responsibility for the accident.
- adj.* furthest or highest in degree or order

ANSWERS: 42. satellite, 43. bladder, 44. textile, 45. survive, 46. canvas;, 47. inflated, 48. infrastructure, 49. ultimate

50. This movie is famous for its romantic _____.
- n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
51. The vessel ran aground on a _____.
- n.* a long chain or range of rocks or sand near the ocean's surface
52. The _____ vehicle can explore the depths of the ocean.
- adj.* able to be operated or used underwater; capable of being submerged in water or other liquid
53. The environmental group demanded that the government stop the plans to _____ the wetlands for oil drilling.
- v.* to remove debris or objects from a body of water or other areas by scooping or dragging, often using special equipment called a dredge; to bring something to the surface by this process
54. The organizational _____ of start-ups is often flat and straightforward.
- n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
55. The sponge takes up the _____ well.
- n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
56. We must _____ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 50. imagery, 51. reef, 52. submersible, 53. dredge, 54. structure, 55. liquid, 56. develop

57. The music _____ attracts visitors from all over the world.
- n.* a celebration or event, usually marking a particular religious or cultural occasion, often involving processions, music, dancing, and the performance of plays or other artistic works
58. Recent electoral shocks have shaken the political _____ in Europe.
- n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
59. The _____ view from the airplane showed the beautiful landscape below.
- n.* a type of acrobatics or gymnastics performed while suspended from hanging fabric or rings; a pass or shot in sports (particularly in soccer or volleyball) that is made while the player is in the air
60. The military _____ disappeared without a trace.
- n.* a type of underwater vehicle or vessel that can operate beneath the surface of the water; (adjective) beneath the surface of the sea
61. He was _____ gifted.
- adv.* as might be expected; by natural manners
62. The _____ on the wall showed that the room was three meters long.
- n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse
63. The airplane entered restricted _____ and had to be escorted by fighter jets.
- n.* the designated area above the surface of the earth where aircraft are allowed to fly, regulated by government authorities; the portion of the atmosphere above a particular location that is controlled by a specific country or organization

ANSWERS: 57. festival, 58. landscape, 59. aerial, 60. submarine, 61. naturally, 62. meter, 63. airspace

64. The astronaut felt weightless in space due to the absence of _____.
- n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
65. We seek a candidate who possesses _____ fighting potential.
- adj.* able or willing to modify or be modified to deal with new situations
66. The engine did not start because the _____ was flat.
- n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
67. I advised him to _____ to his new surroundings.
- v.* to make fit for or change to suit a new purpose or environment
68. The building was _____ in the fire and had to be rebuilt.
- v.* to ruin or damage severely or completely; to eradicate or eliminate completely
69. I want to _____ a toast in honor of our longstanding relationship.
- v.* to make a proposal, declare a plan for something
70. The president began to _____ an army.
- v.* to collect in one place as a single group
71. The company's _____ approach has been highly effective.
- n.* the action or process of changing to suit different conditions
72. He was alert and could not _____ any critical information out of him.
- v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

ANSWERS: 64. gravity, 65. adaptable, 66. battery, 67. adapt, 68. destroyed, 69. propose, 70. assemble, 71. adaptation, 72. pump

73. _____ of fuel discounts is common practice among many retailers.
n. an amount of something obtained via natural growth or addition
74. The content is _____ and informative for me.
adj. sharply exact or accurate or delimited
75. The prime minister faced _____ criticism.
adj. severe and unkind; extremely tough and unpleasant to inhabit
76. The police placed a _____ across the street to halt traffic.
n. a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
77. The tour guide warned us not to step on a hidden _____ in the shallow water.
n. a marine fish with a flattened diamond-shaped body, a long tail bearing venomous spines, and large pectoral fins that are used for swimming
78. The extinction of several subspecies has been linked to climate change and habitat _____.
n. the act of causing so much damage to something
79. The detective discovered that the witness had _____ her story about the crime.
v. to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
80. This ad campaign is aimed _____ at young women.
adv. only associated with or meant for one thing

ANSWERS: 73. Accumulation, 74. precise, 75. harsh, 76. barrier, 77. stingray, 78. destruction, 79. fabricated, 80. specifically

81. His father's death changed his whole _____ on life.
n. a confident attitude toward something; a particular style of thinking about something
82. To expand the company, we must ____ new human resources.
v. to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
83. The _____ image on the screen took a lot of work to make out.
adj. not moving or not capable of moving, not changing or not capable of changing
84. He was exhausted and _____ into bed as soon as he got home.
v. to move in a particular direction by turning over and over or from side to side
85. The construction company _____ the building with an earthquake-resistant device.
v. to provide a person or a place with the things that are needed for a particular purpose or activity
86. The bill to increase the consumption tax had passed despite much _____ from the public.
n. the act of defending oneself from an aggressor or refusing to accept something
87. 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
88. My father's death _____ my life completely.
v. to change in outward structure or looks;

ANSWERS: 81. perspective, 82. tap, 83. static, 84. rolled, 85. equipped, 86. resistance, 87. sink, 88. transformed

89. Draw a circle five centimeters in _____.
- n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference
90. He has _____ his wealth through real estate investments.
- v.* to collect or acquire a large number of things over a long period of time
91. 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
92. The new prime minister has vowed to take measures against the _____ economic crisis.
- adj.* continuing to exist or develop, or currently happening
93. My mother taught me how to _____.
- v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle
94. The _____ balloons floated into the sky.
- n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
95. The government should do more to _____ sustainable agribusiness.
- v.* to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank
96. The _____ of the region is rugged, with many hills and valleys.
- n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features

ANSWERS: 89. diameter, 90. accumulated, 91. ecosystem, 92. ongoing, 93. sew, 94. helium-filled, 95. promote, 96. topography

97. This company's _____ plant is an enormous facility.

- n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country

98. The project's _____ made it difficult for the team to complete it on time.

- n.* the state or quality of being complicated or intricate and difficult to understand

99. Radiation from _____ has a different wavelength.

- n.* the light emitted by the sun; the rays of the sun

100. Enhanced rail _____ is crucial for our business.

- n.* a system for moving people or products from one location to another using automobiles, roads, and so on

101. _____ and weather have an impact on every part of our lifestyles.

- n.* the weather in a particular location averaged over some long period

ANSWERS: 97. assembly, 98. complexity, 99. sunlight, 100. transportation, 101. Climate