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Vocabulary Builder Reference from...

Michael Green: The natural building blocks of sustainable architecture | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

- fuel** *n.* a substance that is typically burned to generate heat or energy
synonym: energy, power, gas
(1) biomass **fuel**, (2) smokeless **fuel**
The **fuel** scarcity most severely impacted the manufacturing sector
- 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.
- inspire** *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
synonym: boost, encourage, enlighten
(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel
The unique style of this martial arts **inspired** many action film producers.

creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym : imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his subordinates more **creative**.

architecture

n. the art and science of designing and constructing buildings

synonym : design, structure, layout

(1) **architecture** design, (2) classic **architecture**

The city is known for its impressive **architecture** and beautiful old buildings.

communal

adj. belonging to or used by a group rather than individuals; for common use

synonym : collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

Communal elections were held in several European countries.

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.

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.

- firm** *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
synonym : stable, secure, steadfast
(1) **firm** grip, (2) accounting **firm**
The **firm** deadline for submitting the project is tomorrow, so we need to work efficiently to finish on time.
- sustainable** *adj.* able to continue or be continued for a long time
synonym : continuable, enduring, tolerable
(1) **sustainable** alternative fuel, (2) principles of **sustainable** development
The government should do more to support environmentally **sustainable** agriculture.
- 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**.
- enormous** *adj.* extremely large or great
synonym : huge, giant, gigantic
(1) **enormous** amount, (2) **enormous** potential
Shakespeare's output of poetry was **enormous**.
- renewable** *adj.* capable of being renewed, extended, or replaced
synonym : sustainable, replaceable
(1) **renewable** energy, (2) **renewable** subscriptions
The production of **renewable** fuels requires massive volumes of fresh water.
- vast** *adj.* enormous in size, number, amount, or quantity
synonym : expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert

A **vast** audience viewed the broadcast.

represent

v. to speak, act, or be present on behalf of another person or group; to form or constitute

synonym: depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

greenhouse

n. a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in

synonym: conservatory

(1) exotic plants in a **greenhouse**, (2) emissions of **greenhouse** gases

The **greenhouse** effect is a phenomenon that happens naturally.

emission

n. the act of production or sending out gas, heat, light, etc.

synonym: emanation, radiation, discharge

(1) global **emissions** of greenhouse gases, (2) the **emission** of light

There are five distinct **emissions** at five unique wavelengths.

refer

v. to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

synonym: cite, allude, mention

(1) **refer** to a book, (2) **refer** to a map

Please **refer** to the instruction manual for further assistance.

automobile

n. a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods

synonym: car, vehicle, motorcar

(1) driverless **automobile**, (2) **automobile** insurance

The **automobile** industry is a major contributor to air pollution in cities.

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.

sector

n. a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity

synonym: division, department, branch

(1) industrial **sector**, (2) private **sector**

The technology **sector** is constantly evolving and innovating.

combine

v. to join or merge to form a single thing or group

synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,

(2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

discuss

v. to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

synonym: talk about, converse, debate

(1) **discuss** options, (2) **discuss** solutions

We need to **discuss** the next steps for the project during our meeting tomorrow.

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.

compose

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

synonym: compile, constitute, build

(1) **compose** an essay, (2) **compose** my thoughts

The structure is **composed** of three main components.

concrete

adj. existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement

synonym: actual, factual, hardened

(1) a **concrete** noun, (2) **concrete** examples

The president asked for a more **concrete** plan.

steel

n. a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure

synonym: iron

(1) magnetic **steel**, (2) **steel** beam

This bridge is the third largest **steel** bridge in the world.

masonry

n. the art or work of constructing buildings, walls, or other structures from carefully shaped and arranged blocks of stone, brick, or other materials

synonym: brickwork, stonework, bricklaying

(1) **masonry** wall, (2) **masonry** restoration

The cathedral's **masonry** sculptures were intricately carved and carefully placed.

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.

footprint

n. a mark of a foot, shoe, or animal's foot left on a surface
synonym: footmark, imprint, impression

(1) **footprints** in the snow, (2) the **footprints** of an earlier civilization

We choose transportation that has a smaller carbon **footprint**.

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.

pathway

n. a track that constitutes or serves as a path; an approach or a way of doing something

synonym: route, footpath, trail

(1) **pathway** to understanding, (2) cellular signaling **pathways**

When the first molecule in the **pathway** receives a signal, it activates other molecules.

neutral

adj. not helping or assisting either side in a conflict, argument, etc.

synonym: impartial, uninvolved, halfhearted

(1) permanently **neutral** country, (2) **neutral** colors

A legislative speaker should always be **neutral**.

timber

n. the wood of trees cut and prepared for construction

synonym: wood, lumber, logs

(1) **timber** construction, (2) standing **timber**

The house uses sturdy **timber** and has withstood many storms.

inception

n. the beginning or start of something; the point in time when something comes into existence

synonym: origin, beginning, start

(1) **inception** date, (2) lease **inception**

The idea for the company was formed at its **inception** and has since grown into a successful business.

advocacy

n. the act of supporting or promoting a particular cause or point of view, often through public campaigning or lobbying

synonym: support, promotion, defense

(1) **advocacy** group, (2) consumer **advocacy** group

The group engages in **advocacy** through lobbying and campaigning for policy changes.

unlikely

adj. not probable or likely to happen

synonym: doubtful, questionable, far-fetched

(1) **unlikely** event, (2) it is **unlikely** that he would win the game

The passage of the bill is **unlikely**.

concept

n. an idea or principle associated with something abstract

synonym: idea, notion, vision

(1) learn new **concepts**, (2) **concept** car

One such rapidly growing **concept** is quantum cryptography.

empire

n. a group of countries ruled by one leader or government

synonym: imperium, conglomerate, kingdom

(1) **empire** building, (2) **empire** of the Maya

He has built a thriving e-commerce **empire**.

entirely

adv. completely

synonym: completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to blame

Later, his claim was found to be **entirely** false.

mainstream

n. the ideas, opinions, beliefs, etc., that are considered normal or accepted by most people

synonym : prevailing, average, common

(1) join the **mainstream**, (2) **mainstream** political beliefs
His thinking is **mainstream** in the country's culture.

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.

threat

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

synonym : menace, danger, hazard

(1) economic **threat**, (2) environmental **threat**

The **threat** of severe weather prompted the city to issue an evacuation warning.

reside

v. to live in a particular place, typically for a prolonged period of time

synonym : live, dwell, inhabit

(1) **reside** on the skin, (2) **reside** permanently

They **reside** in a beautiful old house in the countryside.

threaten

v. to utter intentions of injury or punishment against someone

synonym : endanger, terrorize, intimidate

(1) **threaten** a healthy relationship, (2) **threaten** national security

Various artificially induced causes are **threatening** our ecosystem.

unfortunately

adv. by bad luck; unluckily

synonym : regrettably, unluckily, alas

(1) **unfortunately** caught in a shower, (2) even more **unfortunately**

The treatments were done but, **unfortunately**, were unsuccessful.

tweak

v. to pinch or squeeze something sharply; to adjust something finely

synonym : nip, pinch, fine-tune

(1) **tweak** his cheek, (2) **tweak** the economy

He didn't **tweak** the plan, even though he had time.

modest

adj. having or showing a humble estimate of one's merits, importance, etc.; free from vanity, egotism, boastfulness, or great pretensions

synonym : unassuming, humble, unpretentious

(1) **modest** income, (2) only a **modest** fee

Despite his many achievements, he remained **modest** and down-to-earth.

estimate

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

synonym : calculate, gauge, evaluate

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

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

negative

adj. having the quality of something bad or harmful; expressing refusal

synonym : minus, adverse, pessimistic

(1) have a **negative** effect, (2) a **negative** number

The movie has received almost universally **negative** criticism.

mass

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

synonym : abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

alternative

n. one of two or more available possibilities or choice

synonym: choice, option

(1) an **alternative** plan, (2) there is no other **alternative**

Doctors are gradually coming around to the idea of using **alternative** medicines.

modern

adj. of or belonging to the present time or recent times

synonym: contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society

Their headquarters are in a **modern** skyscraper.

biotechnology

n. the application of technological processes and methods to biological systems to develop new products or techniques, such as genetically modified organisms or biopharmaceuticals

synonym: genetic engineering, bioengineering, genetic modification

(1) **biotechnology** research, (2) modern **biotechnology**

Advancements in **biotechnology** have revolutionized medicine and agriculture.

incredibly

adv. in a way that is very difficult to believe; exceedingly or extremely

synonym: enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

efficient

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

synonym : productive, effective, competent

(1) **efficient** operation, (2) energy- **efficient** appliances

The new washing machine is much more **efficient** than the old one.

structural

adj. associated with the way on construction or organization of anything

synonym : architectural, basic, anatomical

(1) **structural** analyses, (2) **structural** reorganization

The earthquake resulted in significant **structural** destruction.

replace

v. to take the place of something

synonym : substitute, supersede, displace

(1) **replace** one word with another, (2) **replace** a phone

Eventually, the new design will **replace** all older models.

organic

adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

synonym : biological

(1) **organic** soils, (2) eat **organic** food

The kidney is an **organic** component of the body.

crop

n. a plant that is cultivated in large amounts, particularly for food

synonym : output, produce, product

(1) **crop** field, (2) **crop** herbicide

Sow early for an early **crop**.

eventually

adv. finally, particularly after a long time or a lot of struggle, complications, and so on

synonym : finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed

The corporation **eventually** dominated the entire tobacco business.

competitive

adj. involving competition or competitiveness

synonym : aggressive, ambitious, militant

(1) a **competitive** price, (2) **competitive** position

The mobile application industry is a **competitive** one.

industrious

adj. hardworking, diligent, and persistent in effort

synonym : diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

biomaterial

n. a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues

(1) **biomaterial** development, (2) **biomaterials** industry

The new **biomaterials** used in implants are more durable and less likely to cause an immune response.

academic

adj. associated with schools, colleges, and universities, especially studying and thinking, not with practical skills

synonym : educational, scholarly, theoretical

(1) **academic** probation, (2) an **academic** discussion

An excellent historian must possess an **academic** mentality.

contribution

n. the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause

synonym : donation, gift, offering

(1) make a positive **contribution**, (2) **contribution** to society

His **contribution** to the charity was a generous donation of money.

vascular

adj. of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body

synonym : circulatory, cardiovascular, arterial

(1) **vascular** disease, (2) **vascular** surgery

The doctor detected a blockage in the patient's **vascular** system.

zoom

v. to move along very quickly; (noun) the act of rising upward into the air

synonym: move quickly, dive, buzz

(1) **zoom** in on a photo, (2) **zoom** lens

He **zoomed** back in time to the soccer game.

lignify

v. to transform something into wood or a woody substance; to cause a plant or other organic material to become hard, tough, or woody through the deposition of lignin (= a structural substance found in the cell walls of plants)

synonym: solidify, woodify, harden

(1) **lignify** to a great degree, (2) the tree trunk begins to **lignify**

Plant cells **lignify** as a normal part of their growth cycle.

tissue

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

synonym: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

cellulose

n. a complex carbohydrate that is the main structural component of plant cell walls and fibers; a substance used to make paper, textiles, and other materials

synonym: fiber, paper, wood pulp

(1) **cellulose** acetate, (2) **cellulose** insulation

The **cellulose** content in fruits and vegetables contributes to their dietary fiber.

fiber

n. thread or filament used to make a vegetable tissue, mineral material, or textile

synonym: yarn, thread, wool

(1) carbon **fiber**, (2) synthetic **fiber**

We must consume dietary **fiber** to maintain good health.

ligneous

adj. relating to or resembling wood; having the texture or characteristics of wood

synonym : woody, timbered

(1) **ligneous** material, (2) **ligneous** plant

He used **ligneous** logs to fuel the fire.

thrive

v. to grow vigorously; to make steady progress

synonym : bloom, flourish, prosper

(1) **thrive** in a society, (2) **thrive** on pressure

Without investment, a business cannot **thrive**.

bind

v. to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

synonym : tie, stick to, adhere

(1) **bind** the man's hands, (2) **bind** old letters into a bundle

The company's rules **bind** the employee's working hours.

ingredient

n. one of the things used to make something, especially one of the foods used to make a particular dish

synonym : element, component

(1) secret **ingredients**, (2) compound the **ingredients**

Greed is the primary **ingredient** in the making of criminals.

branch

n. a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

synonym : limb, twig, bough

(1) **branch** office, (2) a **branch** pipe

The **branch** of the tree had fallen and blocked the road.

affordable

adj. not expensive and able to pay

synonym : cheap, reasonable, inexpensive

(1) **affordable** housing, (2) **affordable** solution

The automaker has been providing **affordable** car financing options since last year.

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.

column

n. one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument

synonym: line, pillar, cue

(1) the spinal **column**, (2) a **column** of water

The newspaper devoted several **columns** to the affair.

beam

n. a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source

synonym: ray, ray of light, shaft of light

(1) **beam** of light, (2) a structural **beam** of a building

The sun's **beam** shone through the window and illuminated the room.

slab

n. a flat, rectangular piece of material, such as wood or concrete; often used to describe a large, heavy, or solid object or structure

synonym: slate, tile, paving stone

(1) a **slab** of chocolate, (2) marble **slab**

The construction workers poured a large **slab** of concrete for the foundation of the building.

rink

n. a flat, typically enclosed surface used for skating or other recreational activities such as roller skating, ice hockey, or curling

synonym : park, field

(1) outdoor **rink**, (2) roller **rink**

I love to skate on the ice **rink** during the winter.

earthquake

n. a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface

synonym : seismic activity, tremor, temblor

(1) an **earthquake** zone, (2) an **earthquake-proof**

The violent **earthquake** caused widespread damage and injuries throughout the region.

compression

n. the act or process of pressing or squeezing something together, often using force or pressure; (of physics) the reduction of volume or increase in pressure of a gas or fluid

synonym : condensation, squeezing, pressing

(1) **compression** garment, (2) data **compression**

The doctor recommended a **compression** bandage to reduce swelling in the injured area.

squeeze

v. to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness

synonym : compress, crush, clamp

(1) **squeeze** a lemon, (2) **squeeze** a confession

She **squeezed** the toothpaste tube from the middle to get the last bit out.

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**.

diagram

n. a simplified illustration of the appearance, structure, or workings of something

synonym : chart, figure, graph

(1) 3D **diagram**, (2) in a **diagram**

He is drawing a **diagram** illustrating how the equipment operates.

plot

n. a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal

synonym: scheme, plan, design

(1) **plot** twist, (2) **plot** a revolution

The **plot** of the novel centers around a group of friends who uncover a conspiracy to control the world's water supply.

overlap

v. to partially cover something by going beyond its edge

synonym: overlay, cover, bespread

(1) **overlap** one another, (2) **overlap** in many areas

There was no **overlap** between their proposals.

unnecessary

adj. not needed or required; not essential or important

synonym: redundant, extra, superfluous

(1) **unnecessary** expense, (2) **unnecessary** hassle

The extra steps in the process were deemed **unnecessary** and removed to streamline production.

engineer

n. a person whose job is designing, building, or maintaining something such as machines, structures, or software

synonym: architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

calculated

adj. done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance

synonym: premeditated, willful, deliberate

(1) **calculated** bankruptcy, (2) **calculated** crime

The company made a **calculated** decision to invest in new technology.

calculation

n. the act or process of using numbers to judge an amount of something

synonym: analysis, computation, estimate

(1) make a **calculation**, (2) **calculation** of loss and gain

The error in the **calculation** was attributable to rounding.

multiply

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

synonym: boost, amplify, reproduce

(1) **multiply** 5 and 6, (2) **multiply** about hundredfold

Multiply a number by itself twice.

incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed

Her response revealed **incredible** idiocy.

weigh

v. to have a particular weight; to carefully evaluate things before making a conclusion

synonym: consider, cogitate, count

(1) **weigh** heavily on stock prices, (2) **weigh** a cargo

The baby **weighs** 1 pound 3 oz.

bamboo

n. a fast-growing plant that has long, hollow stems and is widely used as a building material, food source, and decorative element, especially in Asian cultures

synonym: cane, reed, stem

(1) **bamboo** crafts, (2) **bamboo** flooring

The stalks of **bamboo** can grow up to a foot per day in optimal conditions.

understory

n. the layer of vegetation and plant growth that grows beneath the main canopy of a forest or woodland

synonym: underbrush, brushwood, forest floor

(1) **understory** vegetation, (2) **understory** habitat

The forest's **understory** is home to many plants and animals.

solid

adj. hard or firm; characterized by good substantial quality
synonym : stable, reliable, hard

(1) **solid** ally, (2) **solid** employment measures

The **solid-state** of water is called ice.

efficiency

n. the state or quality of doing something well with no waste of input such as time or money

synonym : effectiveness, efficacy, productivity

(1) better fuel **efficiency**, (2) an energy **efficiency**

Our company must continue to strive for greater **efficiency**.

wasteful

adj. characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense

synonym : uneconomical, extravagant, profligate

(1) **wasteful** practices, (2) **wasteful** habits

Buying new clothes every week is a **wasteful** use of money and resources.

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.

particle

n. a small piece of something; a word or piece of a term with grammatical function but little or no significance

synonym : atom, grain, bit

(1) charged **particle**, (2) **particle** energy

We can calculate the position of the **particles** statistically.

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.

laminated

n. a material made by bonding together two or more layers of different materials, often used in furniture or flooring

synonym: veneer, coating, layer

(1) **laminated** flooring, (2) **laminated** table

The countertop in my kitchen is made of durable **laminated** material.

composition

n. the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone

synonym: creating, formatting, arrangement

(1) age **composition** of the population, (2) the piano passages in the **composition**

Their innovative concepts were consistent across their bodies of **composition**.

polymer

n. a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules

(1) **polymer** fiber, (2) biological **polymer**

We are developing plant-derived **polymers** to reduce environmental impact.

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.

dense

adj. containing a large number of people or something with little space between them

synonym: heavy, thick, idiotic

(1) nutrient- **dense** foods, (2) **dense** forests

The entire mountain is covered in **dense** rainforest.

robotic

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

synonym : automated, mechanical, laborsaving

(1) **robotic** arm, (2) **robotic** guide operation

The surgeon removed the tumor using **robotic** video assistance.

fabric

n. cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.

synonym : cloth, material, goods

(1) a hand-loomed **fabric**, (2) **fabric** of creation

These synthetic **fabrics** are used in military vests because of their excellent abrasion resistance.

decoration

n. the act of adding something that is intended to make something more attractive; an award or honor that is given to someone in recognition of their achievements

synonym : adornment, ornament, embellishment

(1) colorful **decorations**, (2) chocolate **decorations** for cakes

The room was filled with beautiful **decorations** for the wedding reception.

essential

adj. indispensable; fundamental

synonym : critical, crucial, basic

(1) **essential** amino acid, (2) **essential** commodities of life

Trial and error is an **essential** part of education.

industrial

adj. of or relating to or resulting from industry

synonym : manufacturing, mechanical

(1) beginning of the **industrial** revolution, (2) **industrial** alcohol

Industrial design has become more focused on human nature aspect than ever before.

revolution

n. a large-scale attempt to overthrow the government of a country, often using violence or war;

synonym: coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution**

The **revolution** by the citizen resulted in a redistribution of wealth.

efficiently

adv. in a way that produces maximum output with minimum effort or expense

synonym: expeditiously, skillfully, ably

(1) **efficiently** combined, (2) develop software more **efficiently**

We can resolve support requests quickly and **efficiently** by utilization of AI.

opportune

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

synonym: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

biology

n. the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

decide

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta

for dinner.

introduction

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

synonym: initiation, preamble, prologue

(1) **introduction** education, (2) self- **introduction**

The **introduction** to the new class was informative and engaging.

combination

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

synonym: blend, hybrid, compounding

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

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

Session 2: Spelling

1. com_____on garment *n.* the act or process of pressing or squeezing something together, often using force or pressure; (of physics) the reduction of volume or increase in pressure of a gas or fluid
2. b__d old letters into a bundle *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
3. re___e permanently *v.* to live in a particular place, typically for a prolonged period of time
4. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
5. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
6. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
7. se_____er myself from the world *v.* to take temporary possession of someone's property until a debt is paid.
8. a cold cl_____e *n.* the weather in a particular location averaged over some long period
9. de__e forests *adj.* containing a large number of people or something with little space between them

ANSWERS: 1. compression, 2. bind, 3. reside, 4. environment, 5. represent, 6. opportune, 7. sequester, 8. climate, 9. dense

10. b__d the man's hands *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
11. bio_____al development *n.* a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues
12. cellular signaling pa_____ys *n.* a track that constitutes or serves as a path; an approach or a way of doing something
13. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
14. b__m of light *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
15. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
16. 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
17. standing ti___r *n.* the wood of trees cut and prepared for construction
18. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

ANSWERS: 10. bind, 11. biomaterial, 12. pathway, 13. transport, 14. beam, 15. environment, 16. planet, 17. timber, 18. decide

19. f__m grip *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
20. unf_____ely caught in a shower *adv.* by bad luck; unluckily
21. modern bio_____ogy *n.* the application of technological processes and methods to biological systems to develop new products or techniques, such as genetically modified organisms or biopharmaceuticals
22. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
23. private se____r *n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
24. so__d ally *adj.* hard or firm; characterized by good substantial quality
25. th_____en national security *v.* to utter intentions of injury or punishment against someone
26. chocolate dec_____ons for cakes *n.* the act of adding something that is intended to make something more attractive; an award or honor that is given to someone in recognition of their achievements
27. 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

ANSWERS: 19. firm, 20. unfortunately, 21. biotechnology, 22. industrious, 23. sector, 24. solid, 25. threaten, 26. decoration, 27. structure

28. 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
29. pre-mo____n agricultural society *adj.* of or belonging to the present time or recent times
30. smokeless f__l *n.* a substance that is typically burned to generate heat or energy
31. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
32. develop software more eff_____ly *adv.* in a way that produces maximum output with minimum effort or expense
33. re_____le energy *adj.* capable of being renewed, extended, or replaced
34. or_____c soils *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
35. a br____h pipe *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
36. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
37. there is no other alt_____ve *n.* one of two or more available possibilities or choice
38. co_____e my thoughts *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

ANSWERS: 28. structure, 29. modern, 30. fuel, 31. zoom, 32. efficiently, 33. renewable, 34. organic, 35. branch, 36. mass, 37. alternative, 38. compose

39. en____us potential *adj.* extremely large or great
40. co____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
41. co____t car *n.* an idea or principle associated with something abstract
42. roller r__k *n.* a flat, typically enclosed surface used for skating or other recreational activities such as roller skating, ice hockey, or curling
43. consumer ad____cy group *n.* the act of supporting or promoting a particular cause or point of view, often through public campaigning or lobbying
44. 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
45. data com_____on *n.* the act or process of pressing or squeezing something together, often using force or pressure; (of physics) the reduction of volume or increase in pressure of a gas or fluid
46. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
47. di____s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
48. ne____l colors *adj.* not helping or assisting either side in a conflict, argument, etc.

ANSWERS: 39. enormous, 40. communal, 41. concept, 42. rink, 43. advocacy, 44. frame, 45. compression, 46. revolution, 47. discuss, 48. neutral

49. lease in_____on *n.* the beginning or start of something; the point in time when something comes into existence
50. marble s__b *n.* a flat, rectangular piece of material, such as wood or concrete; often used to describe a large, heavy, or solid object or structure
51. join the mai_____am *n.* the ideas, opinions, beliefs, etc., that are considered normal or accepted by most people
52. principles of sus_____le development *adj.* able to continue or be continued for a long time
53. re_____le subscriptions *adj.* capable of being renewed, extended, or replaced
54. fa___c of creation *n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.
55. p__t a revolution *n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
56. aff_____le solution *adj.* not expensive and able to pay
57. ba___o crafts *n.* a fast-growing plant that has long, hollow stems and is widely used as a building material, food source, and decorative element, especially in Asian cultures
58. pa_____le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance

ANSWERS: 49. inception, 50. slab, 51. mainstream, 52. sustainable, 53. renewable, 54. fabric, 55. plot, 56. affordable, 57. bamboo, 58. particle

59. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
60. ti___r construction *n.* the wood of trees cut and prepared for construction
61. compound the ing_____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
62. br___h office *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
63. in_____e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
64. z__m lens *v.* to move along very quickly; (noun) the act of rising upward into the air
65. co_____e augmented reality *v.* to join or merge to form a single thing or group
66. the piano passages in the
com_____on *n.* the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone
67. carbon fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
68. ma_____y restoration *n.* the art or work of constructing buildings, walls, or other structures from carefully shaped and arranged blocks of stone, brick, or other materials

ANSWERS: 59. decide, 60. timber, 61. ingredient, 62. branch, 63. inspire, 64. zoom, 65. combine, 66. composition, 67. fiber, 68. masonry

69. pa____y to understanding *n.* a track that constitutes or serves as a path; an approach or a way of doing something
70. permanently ne_____l country *adj.* not helping or assisting either side in a conflict, argument, etc.
71. va_____ar surgery *adj.* of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body
72. re__r to a book *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
73. 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
74. better fuel eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
75. the spinal co____n *n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument
76. en_____us amount *adj.* extremely large or great
77. unn_____ry hassle *adj.* not needed or required; not essential or important
78. und_____ry vegetation *n.* the layer of vegetation and plant growth that grows beneath the main canopy of a forest or woodland

ANSWERS: 69. pathway, 70. neutral, 71. vascular, 72. refer, 73. carbon, 74. efficiency, 75. column, 76. enormous, 77. unnecessary, 78. understory

79. the ul____te goal in life *adj.* furthest or highest in degree or order
80. ma____y wall *n.* the art or work of constructing buildings, walls, or other structures from carefully shaped and arranged blocks of stone, brick, or other materials
81. cell and molecular bi____y *n.* the scientific study of life and the natural processes of living things
82. co_____ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole
83. a co____te noun *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
84. secret ing_____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
85. th___e on pressure *v.* to grow vigorously; to make steady progress
86. magnetic st__l *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
87. economic th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

ANSWERS: 79. ultimate, 80. masonry, 81. biology, 82. construct, 83. concrete, 84. ingredient, 85. thrive, 86. steel, 87. threat

88. eff_____ly combined *adv.* in a way that produces maximum output with minimum effort or expense
89. em___e building *n.* a group of countries ruled by one leader or government
90. even more unf_____ely *adv.* by bad luck; unluckily
91. wa_____ul practices *adj.* characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense
92. ind_____us student *adj.* hardworking, diligent, and persistent in effort
93. mo___t income *adj.* having or showing a humble estimate of one's merits, importance, etc.; free from vanity, egotism, boastfulness, or great pretensions
94. colorful dec_____ons *n.* the act of adding something that is intended to make something more attractive; an award or honor that is given to someone in recognition of their achievements
95. ce_____se insulation *n.* a complex carbohydrate that is the main structural component of plant cell walls and fibers; a substance used to make paper, textiles, and other materials
96. cal_____on of loss and gain *n.* the act or process of using numbers to judge an amount of something
97. c__p field *n.* a plant that is cultivated in large amounts, particularly for food

ANSWERS: 88. efficiently, 89. empire, 90. unfortunately, 91. wasteful, 92. industrious, 93. modest, 94. decoration, 95. cellulose, 96. calculation, 97. crop

98. cal_____ed crime *adj.* done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance
99. co_____e an essay *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
100. in_____on date *n.* the beginning or start of something; the point in time when something comes into existence
101. we__h heavily on stock prices *v.* to have a particular weight; to carefully evaluate things before making a conclusion
102. ro_____c guide operation *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
103. co_____ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
104. the em_____on of light *n.* the act of production or sending out gas, heat, light, etc.
105. com_____on number *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
106. only a mo____t fee *adj.* having or showing a humble estimate of one's merits, importance, etc.; free from vanity, egotism, boastfulness, or great pretensions

ANSWERS: 98. calculated, 99. compose, 100. inception, 101. weigh, 102. robotic, 103. construct, 104. emission, 105. combination, 106. modest

107. biological po____r *n.* a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules
108. v__t desert *adj.* enormous in size, number, amount, or quantity
109. eat or____c food *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
110. ov____p one another *v.* to partially cover something by going beyond its edge
111. loss of muscle ti____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
112. int____ion education *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
113. ro____c arm *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
114. biomass f__l *n.* a substance that is typically burned to generate heat or energy
115. environmental th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

ANSWERS: 107. polymer, 108. vast, 109. organic, 110. overlap, 111. tissue, 112. introduction, 113. robotic, 114. fuel, 115. threat

116. classic arc_____ure *n.* the art and science of designing and constructing buildings
117. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
118. industrial se____r *n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
119. a structural b__m of a building *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
120. in a di_____m *n.* a simplified illustration of the appearance, structure, or workings of something
121. an ear_____ke-proof *n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface
122. str_____al reorganization *adj.* associated with the way on construction or organization of anything
123. bio_____als industry *n.* a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues
124. a co____n of water *n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument

ANSWERS: 116. architecture, 117. incredibly, 118. sector, 119. beam, 120. diagram, 121. earthquake, 122. structural, 123. biomaterial, 124. column

125. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
126. 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
127. beginning of the industrial rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
128. synthetic fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
129. the fo_____nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
130. mo___n poetry *adj.* of or belonging to the present time or recent times
131. genic com_____ons *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
132. ce_____se acetate *n.* a complex carbohydrate that is the main structural component of plant cell walls and fibers; a substance used to make paper, textiles, and other materials
133. beginning of the ind_____al revolution *adj.* of or relating to or resulting from industry
134. und_____th the surface of the water *adv.* under or below something else

ANSWERS: 125. mass, 126. explore, 127. revolution, 128. fiber, 129. footprint, 130. modern, 131. combination, 132. cellulose, 133. industrial, 134. underneath

135. in_____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
136. unn_____ry expense *adj.* not needed or required; not essential or important
137. an energy eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
138. 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
139. tw__k his cheek *v.* to pinch or squeeze something sharply; to adjust something finely
140. li_____y to a great degree *v.* to transform something into wood or a woody substance; to cause a plant or other organic material to become hard, tough, or woody through the deposition of lignin (= a structural substance found in the cell walls of plants)
141. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
142. re___e on the skin *v.* to live in a particular place, typically for a prolonged period of time
143. global em_____ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
144. a ne_____ve number *adj.* having the quality of something bad or harmful; expressing refusal
145. an ear_____ke zone *n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface

ANSWERS: 135. inspire, 136. unnecessary, 137. efficiency, 138. planet, 139. tweak, 140. lignify, 141. biology, 142. reside, 143. emission, 144. negative, 145. earthquake

146. v__t majority *adj.* enormous in size, number, amount, or quantity
147. li____us plant *adj.* relating to or resembling wood; having the texture or characteristics of wood
148. p__t twist *n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
149. self-int_____ion *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
150. he was en_____ly to blame *adv.* completely
151. con_____ion to society *n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
152. ba___o flooring *n.* a fast-growing plant that has long, hollow stems and is widely used as a building material, food source, and decorative element, especially in Asian cultures
153. aut_____le insurance *n.* a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods
154. ov_____p in many areas *v.* to partially cover something by going beyond its edge

ANSWERS: 146. vast, 147. ligneous, 148. plot, 149. introduction, 150. entirely, 151. contribution, 152. bamboo, 153. automobile, 154. overlap

155. mic_____ic analysis *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
156. sus_____le alternative fuel *adj.* able to continue or be continued for a long time
157. aff_____le housing *adj.* not expensive and able to pay
158. und_____th the laughter *adv.* under or below something else
159. cr_____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something
160. ef_____nt operation *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
161. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
162. mu_____ly about hundredfold *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
163. make a cal_____on *n.* the act or process of using numbers to judge an amount of something
164. mu_____ly 5 and 6 *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
165. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely

ANSWERS: 155. microscopic, 156. sustainable, 157. affordable, 158. underneath, 159. creative, 160. efficient, 161. engineer, 162. multiply, 163. calculation, 164. multiply, 165. incredibly

166. cal_____ed bankruptcy *adj.* done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance
167. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
168. we__h a cargo *v.* to have a particular weight; to carefully evaluate things before making a conclusion
169. co_____te examples *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
170. ac_____ic probation *adj.* associated with schools, colleges, and universities, especially studying and thinking, not with practical skills
171. an alt_____ve plan *n.* one of two or more available possibilities or choice
172. 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
173. have a ne_____ve effect *adj.* having the quality of something bad or harmful; expressing refusal
174. sq_____e a lemon *v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness

ANSWERS: 166. calculated, 167. engineer, 168. weigh, 169. concrete, 170. academic, 171. alternative, 172. explore, 173. negative, 174. squeeze

175. nutrient-de__e foods *adj.* containing a large number of people or something with little space between them
176. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
177. an ac_____ic discussion *adj.* associated with schools, colleges, and universities, especially studying and thinking, not with practical skills
178. di_____s solutions *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
179. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
180. barren of cr_____ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
181. a s__b of chocolate *n.* a flat, rectangular piece of material, such as wood or concrete; often used to describe a large, heavy, or solid object or structure
182. th___e in a society *v.* to grow vigorously; to make steady progress
183. po_____r fiber *n.* a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules
184. la_____te flooring *n.* a material made by bonding together two or more layers of different materials, often used in furniture or flooring

ANSWERS: 175. dense, 176. eventually, 177. academic, 178. discuss, 179. represent, 180. creative, 181. slab, 182. thrive, 183. polymer, 184. laminate

185. it is un_____ly that he would win the game
adj. not probable or likely to happen
186. fairly ty_____l symptoms
adj. having the usual characteristics or traits of a specific group of things
187. th_____en a healthy relationship
v. to utter intentions of injury or punishment against someone
188. co_____e chemically with another substance
v. to join or merge to form a single thing or group
189. co_____al swimming pool
adj. belonging to or used by a group rather than individuals; for common use
190. li_____us material
adj. relating to or resembling wood; having the texture or characteristics of wood
191. charged pa_____le
n. a small piece of something; a word or piece of a term with grammatical function but little or no significance
192. fo_____nts in the snow
n. a mark of a foot, shoe, or animal's foot left on a surface
193. c__p herbicide
n. a plant that is cultivated in large amounts, particularly for food
194. ty_____l leader
adj. having the usual characteristics or traits of a specific group of things
195. ind_____al alcohol
adj. of or relating to or resulting from industry
196. energy-ef_____nt appliances
adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

ANSWERS: 185. unlikely, 186. typical, 187. threaten, 188. combine, 189. communal, 190. ligneous, 191. particle, 192. footprint, 193. crop, 194. typical, 195. industrial, 196. efficient

197. make a positive con_____ion *n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
198. driverless aut_____le *n.* a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods
199. the ul_____te luxury *adj.* furthest or highest in degree or order
200. re_____e a phone *v.* to take the place of something
201. a com_____ve price *adj.* involving competition or competitiveness
202. la_____te table *n.* a material made by bonding together two or more layers of different materials, often used in furniture or flooring
203. und_____ry habitat *n.* the layer of vegetation and plant growth that grows beneath the main canopy of a forest or woodland
204. a hand-loomed fa_____c *n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.
205. arc_____ure design *n.* the art and science of designing and constructing buildings
206. es_____al commodities of life *adj.* indispensable; fundamental
207. mic_____ic inquiry *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
208. the tree trunk begins to li_____y *v.* to transform something into wood or a woody substance; to cause a plant or other organic material to become hard, tough, or woody through the deposition of lignin (= a structural substance found in the cell walls of plants)

ANSWERS: 197. contribution, 198. automobile, 199. ultimate, 200. replace, 201. competitive, 202. laminate, 203. understory, 204. fabric, 205. architecture, 206.

essential, 207. microscopic, 208. lignify

209. bio_____ogy research *n.* the application of technological processes and methods to biological systems to develop new products or techniques, such as genetically modified organisms or biopharmaceuticals
210. es_____al amino acid *adj.* indispensable; fundamental
211. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
212. ad_____cy group *n.* the act of supporting or promoting a particular cause or point of view, often through public campaigning or lobbying
213. str_____al analyses *adj.* associated with the way on construction or organization of anything
214. en_____ly satisfied with the meal *adv.* completely
215. exotic plants in a gre_____se *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
216. sq_____e a confession *v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness
217. re_____e one word with another *v.* to take the place of something
218. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
219. accounting f__m *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company

ANSWERS: 209. biotechnology, 210. essential, 211. opportune, 212. advocacy, 213. structural, 214. entirely, 215. greenhouse, 216. squeeze, 217. replace, 218. eventually, 219. firm

220. se_____er ten percent of the annual carbon emissions *v.* to take temporary possession of someone's property until a debt is paid.
221. st__l beam *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
222. un_____ly event *adj.* not probable or likely to happen
223. 3D di_____m *n.* a simplified illustration of the appearance, structure, or workings of something
224. com_____ve position *adj.* involving competition or competitiveness
225. at inc_____le speed *adj.* unbelievable; enormous
226. va_____ar disease *adj.* of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body
227. re__r to a map *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
228. emissions of gre_____se gases *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
229. 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
230. so__d employment measures *adj.* hard or firm; characterized by good substantial quality

ANSWERS: 220. sequester, 221. steel, 222. unlikely, 223. diagram, 224. competitive, 225. incredible, 226. vascular, 227. refer, 228. greenhouse, 229. carbon, 230. solid

231. a facial ti___e	<i>n.</i> an ensemble of similar cells of the animal or plant that together carry out a specific function
232. effects of cl_____e change	<i>n.</i> the weather in a particular location averaged over some long period
233. wa_____ul habits	<i>adj.</i> characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense
234. es_____te this chicken to weigh three pounds	<i>v.</i> to guess or calculate the cost, size, value, etc. of something
235. tr_____rt facilities	<i>n.</i> a system for moving people or products from one location to another using automobiles, roads, and so on
236. tw__k the economy	<i>v.</i> to pinch or squeeze something sharply; to adjust something finely
237. the fr__e of the policy	<i>n.</i> a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
238. em___e of the Maya	<i>n.</i> a group of countries ruled by one leader or government
239. mai_____am political beliefs	<i>n.</i> the ideas, opinions, beliefs, etc., that are considered normal or accepted by most people
240. learn new co_____ts	<i>n.</i> an idea or principle associated with something abstract
241. inc_____le amount	<i>adj.</i> unbelievable; enormous

ANSWERS: 231. tissue, 232. climate, 233. wasteful, 234. estimate, 235. transport, 236. tweak, 237. frame, 238. empire, 239. mainstream, 240. concept, 241. incredible

242. es____te a fair value

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

243. outdoor r__k

n. a flat, typically enclosed surface used for skating or other recreational activities such as roller skating, ice hockey, or curling

244. age com_____on of the population

n. the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone

ANSWERS: 242. estimate, 243. rink, 244. composition

Session 3: Fill in the Blanks

1. The unique style of this martial arts _____ many action film producers.
v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
2. The stalks of _____ can grow up to a foot per day in optimal conditions.
n. a fast-growing plant that has long, hollow stems and is widely used as a building material, food source, and decorative element, especially in Asian cultures
3. The government should do more to support environmentally _____ agriculture.
adj. able to continue or be continued for a long time
4. Later, his claim was found to be _____ false.
adv. completely
5. The corporation _____ dominated the entire tobacco business.
adv. finally, particularly after a long time or a lot of struggle, complications, and so on
6. Several cities are experiencing _____ high unemployment rates.
adv. in a way that is very difficult to believe; exceedingly or extremely
7. The _____ scarcity most severely impacted the manufacturing sector
n. a substance that is typically burned to generate heat or energy
8. Our company must continue to strive for greater _____.
n. the state or quality of doing something well with no waste of input such as time or money

ANSWERS: 1. inspired, 2. bamboo, 3. sustainable, 4. entirely, 5. eventually, 6. incredibly, 7. fuel, 8. efficiency

9. The researcher separated the nervous _____ for microscopic examinations.
n. an ensemble of similar cells of the animal or plant that together carry out a specific function
10. The house uses sturdy _____ and has withstood many storms.
n. the wood of trees cut and prepared for construction
11. Doctors are gradually coming around to the idea of using _____ medicines.
n. one of two or more available possibilities or choice
12. 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
13. The _____ by the citizen resulted in a redistribution of wealth.
n. a large-scale attempt to overthrow the government of a country, often using violence or war;
14. He approved their requests to _____ the jury.
v. to take temporary possession of someone's property until a debt is paid.
15. A legislative speaker should always be _____.
adj. not helping or assisting either side in a conflict, argument, etc.
16. The kidney is an _____ component of the body.
adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

ANSWERS: 9. tissue, 10. timber, 11. alternative, 12. planet, 13. revolution, 14. sequester, 15. neutral, 16. organic

17. They _____ in a beautiful old house in the countryside.
v. to live in a particular place, typically for a prolonged period of time
18. Plant cells _____ as a normal part of their growth cycle.
v. to transform something into wood or a woody substance; to cause a plant or other organic material to become hard, tough, or woody through the deposition of lignin (= a structural substance found in the cell walls of plants)
19. The city is known for its impressive _____ and beautiful old buildings.
n. the art and science of designing and constructing buildings
20. His thinking is _____ in the country's culture.
n. the ideas, opinions, beliefs, etc., that are considered normal or accepted by most people
21. Despite his many achievements, he remained _____ and down-to-earth.
adj. having or showing a humble estimate of one's merits, importance, etc.; free from vanity, egotism, boastfulness, or great pretensions
22. The _____ of people who do not own property is politically impotent.
n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
23. 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
24. She _____ the toothpaste tube from the middle to get the last bit out.
v. to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness

ANSWERS: 17. reside, 18. lignify, 19. architecture, 20. mainstream, 21. modest, 22. mass, 23. carbon, 24. squeezed

25. This bridge is the third largest _____ bridge in the world.
n. a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
26. The new _____ used in implants are more durable and less likely to cause an immune response.
n. a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues
27. A _____ audience viewed the broadcast.
adj. enormous in size, number, amount, or quantity
28. The _____ industry is a major contributor to air pollution in cities.
n. a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods
29. The earthquake resulted in significant _____ destruction.
adj. associated with the way on construction or organization of anything
30. Greed is the primary _____ in the making of criminals.
n. one of the things used to make something, especially one of the foods used to make a particular dish
31. The company made a _____ decision to invest in new technology.
adj. done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance
32. _____ elections were held in several European countries.
adj. belonging to or used by a group rather than individuals; for common use

ANSWERS: 25. steel, 26. biomaterials, 27. vast, 28. automobile, 29. structural, 30. ingredient, 31. calculated, 32. Communal

33. The _____ effect is a phenomenon that happens naturally.
- n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
34. 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
35. We can calculate the position of the _____ statistically.
- n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
36. _____ a number by itself twice.
- v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
37. We _____ the season's total trade deficit at \$50 billion.
- v.* to guess or calculate the cost, size, value, etc. of something
38. We choose transportation that has a smaller carbon _____.
- n.* a mark of a foot, shoe, or animal's foot left on a surface
39. All the supervisor has to do is assign tasks that make his subordinates more _____.
- adj.* relating to or involving the use of skill and original and unusual ideas to create something
40. The countertop in my kitchen is made of durable _____ material.
- n.* a material made by bonding together two or more layers of different materials, often used in furniture or flooring

ANSWERS: 33. greenhouse, 34. structure, 35. particles, 36. Multiply, 37. estimated, 38. footprint, 39. creative, 40. laminate

41. The doctor recommended a _____ bandage to reduce swelling in the injured area.
n. the act or process of pressing or squeezing something together, often using force or pressure; (of physics) the reduction of volume or increase in pressure of a gas or fluid
42. He was known to be very _____ and would often work late into the night.
adj. hardworking, diligent, and persistent in effort
43. Sow early for an early _____.
n. a plant that is cultivated in large amounts, particularly for food
44. The treatments were done but, _____ were unsuccessful.
adv. by bad luck; unluckily
45. Hydrogen and oxygen _____ to form water.
v. to join or merge to form a single thing or group
46. Management must take _____ responsibility for the accident.
adj. furthest or highest in degree or order
47. The technology _____ is constantly evolving and innovating.
n. a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
48. The penny fell _____ the piano.
adv. under or below something else
49. The president asked for a more _____ plan.
adj. existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement

ANSWERS: 41. compression, 42. industrious, 43. crop, 44. unfortunately, 45. combine, 46. ultimate, 47. sector, 48. underneath, 49. concrete

50. His _____ to the charity was a generous donation of money.
- n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
51. The room was filled with beautiful _____ for the wedding reception.
- n.* the act of adding something that is intended to make something more attractive; an award or honor that is given to someone in recognition of their achievements
52. Their innovative concepts were consistent across their bodies of _____.
- n.* the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone
53. 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
54. Eventually, the new design will _____ all older models.
- v.* to take the place of something
55. We need to _____ the next steps for the project during our meeting tomorrow.
- v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
56. I love to skate on the ice _____ during the winter.
- n.* a flat, typically enclosed surface used for skating or other recreational activities such as roller skating, ice hockey, or curling
57. We can resolve support requests quickly and _____ by utilization of AI.
- adv.* in a way that produces maximum output with minimum effort or expense

ANSWERS: 50. contribution, 51. decorations, 52. composition, 53. transportation, 54. replace, 55. discuss, 56. rink, 57. efficiently

58. _____ design has become more focused on human nature aspect than ever before.

adj. of or relating to or resulting from industry

59. There are five distinct _____ at five unique wavelengths.

n. the act of production or sending out gas, heat, light, etc.

60. The new washing machine is much more _____ than the old one.

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

61. The _____ of water is called ice.

adj. hard or firm; characterized by good substantial quality

62. Shakespeare's output of poetry was _____.

adj. extremely large or great

63. 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

64. The _____ content in fruits and vegetables contributes to their dietary fiber.

n. a complex carbohydrate that is the main structural component of plant cell walls and fibers; a substance used to make paper, textiles, and other materials

65. The company's rules _____ the employee's working hours.

v. to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

ANSWERS: 58. Industrial, 59. emissions, 60. efficient, 61. solid-state, 62. enormous, 63. frame, 64. cellulose, 65. bind

66. Advancements in _____ have revolutionized medicine and agriculture.
n. the application of technological processes and methods to biological systems to develop new products or techniques, such as genetically modified organisms or biopharmaceuticals
67. One such rapidly growing _____ is quantum cryptography.
n. an idea or principle associated with something abstract
68. The group engages in _____ through lobbying and campaigning for policy changes.
n. the act of supporting or promoting a particular cause or point of view, often through public campaigning or lobbying
69. These synthetic _____ are used in military vests because of their excellent abrasion resistance.
n. cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.
70. The mobile application industry is a _____ one.
adj. involving competition or competitiveness
71. The movie has received almost universally _____ criticism.
adj. having the quality of something bad or harmful; expressing refusal
72. We are developing plant-derived _____ to reduce environmental impact.
n. a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules
73. The _____ to the safe was a secret.
n. a collection of things that have been combined; an assemblage of separate parts or qualities

ANSWERS: 66. biotechnology, 67. concept, 68. advocacy, 69. fabrics, 70. competitive, 71. negative, 72. polymers, 73. combination

74. The _____ will repair my telephone tomorrow morning.
- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
75. The construction workers poured a large _____ of concrete for the foundation of the building.
- n.* a flat, rectangular piece of material, such as wood or concrete; often used to describe a large, heavy, or solid object or structure
76. The error in the _____ was attributable to rounding.
- n.* the act or process of using numbers to judge an amount of something
77. We elected him to _____ us at the international conference.
- v.* to speak, act, or be present on behalf of another person or group; to form or constitute
78. Buying new clothes every week is a _____ use of money and resources.
- adj.* characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense
79. The _____ of severe weather prompted the city to issue an evacuation warning.
- n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
80. Without investment, a business cannot _____.
- v.* to grow vigorously; to make steady progress
81. Inspectors noticed _____ cracks in the submarine's hull.
- adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy

ANSWERS: 74. engineer, 75. slab, 76. calculation, 77. represent, 78. wasteful, 79. threat, 80. thrive, 81. microscopic

82. The structure is _____ of three main components.

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

83. The newspaper devoted several _____ to the affair.

- n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument

84. The _____ to the new class was informative and engaging.

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

85. Please _____ to the instruction manual for further assistance.

- v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

86. He didn't _____ the plan, even though he had time.

- v.* to pinch or squeeze something sharply; to adjust something finely

87. The doctor detected a blockage in the patient's _____ system.

- adj.* of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body

88. The production of _____ fuels requires massive volumes of fresh water.

- adj.* capable of being renewed, extended, or replaced

89. Various artificially induced causes are _____ our ecosystem.

- v.* to utter intentions of injury or punishment against someone

ANSWERS: 82. composed, 83. columns, 84. introduction, 85. refer, 86. tweak, 87. vascular, 88. renewable, 89. threatening

90. This artwork is _____ of her work.

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

91. An excellent historian must possess an _____ mentality.

adj. associated with schools, colleges, and universities, especially studying and thinking, not with practical skills

92. The _____ deadline for submitting the project is tomorrow, so we need to work efficiently to finish on time.

adj. resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company

93. The cathedral's _____ sculptures were intricately carved and carefully placed.

n. the art or work of constructing buildings, walls, or other structures from carefully shaped and arranged blocks of stone, brick, or other materials

94. When the first molecule in the _____ receives a signal, it activates other molecules.

n. a track that constitutes or serves as a path; an approach or a way of doing something

95. We must consume dietary _____ to maintain good health.

n. thread or filament used to make a vegetable tissue, mineral material, or textile

96. The forest's _____ is home to many plants and animals.

n. the layer of vegetation and plant growth that grows beneath the main canopy of a forest or woodland

97. The sun's _____ shone through the window and illuminated the room.

n. a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source

ANSWERS: 90. typical, 91. academic, 92. firm, 93. masonry, 94. pathway, 95. fiber, 96. understory, 97. beam

98. The surgeon removed the tumor using _____ video assistance.

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

99. The _____ of the novel centers around a group of friends who uncover a conspiracy to control the world's water supply.

n. a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal

100. He has built a thriving e-commerce _____.

n. a group of countries ruled by one leader or government

101. The automaker has been providing _____ car financing options since last year.

adj. not expensive and able to pay

102. Trial and error is an _____ part of education.

adj. indispensable; fundamental

103. He is drawing a _____ illustrating how the equipment operates.

n. a simplified illustration of the appearance, structure, or workings of something

104. 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

105. There was no _____ between their proposals.

v. to partially cover something by going beyond its edge

ANSWERS: 98. robotic, 99. plot, 100. empire, 101. affordable, 102. essential, 103. diagram, 104. environment, 105. overlap

106. The phone rang at the most _____ time.

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

107. The idea for the company was formed at its _____ and has since grown into a successful business.

n. the beginning or start of something; the point in time when something comes into existence

108. The entire mountain is covered in _____ rainforest.

adj. containing a large number of people or something with little space between them

109. 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

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

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

111. The passage of the bill is _____.

adj. not probable or likely to happen

112. The _____ of the tree had fallen and blocked the road.

n. a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

113. In junior high school, we had to dissect a frog in _____ class.

n. the scientific study of life and the natural processes of living things

ANSWERS: 106. opportune, 107. inception, 108. dense, 109. explore, 110. Climate, 111. unlikely, 112. branch, 113. biology

114. The baby _____ 1 pound 3 oz.

- v.* to have a particular weight; to carefully evaluate things before making a conclusion

115. She couldn't _____ whether to order the pizza or the pasta for dinner.

- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

116. The violent _____ caused widespread damage and injuries throughout the region.

- n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface

117. Their headquarters are in a _____ skyscraper.

- adj.* of or belonging to the present time or recent times

118. He used _____ logs to fuel the fire.

- adj.* relating to or resembling wood; having the texture or characteristics of wood

119. Her response revealed _____ idiocy.

- adj.* unbelievable; enormous

120. He _____ back in time to the soccer game.

- v.* to move along very quickly; (noun) the act of rising upward into the air

121. The extra steps in the process were deemed _____ and removed to streamline production.

- adj.* not needed or required; not essential or important

ANSWERS: 114. weighs, 115. decide, 116. earthquake, 117. modern, 118. ligneous, 119. incredible, 120. zoomed, 121. unnecessary

122. 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

ANSWERS: 122. constructs