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Vocabulary Builder Reference from...

Tommy McCall: The simple genius of a good graphic | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

infographic

n. a visual representation of information or data often used to present complicated or complex concepts in a simple and understandable way

(1) **infographic** design, (2) **infographic** presentation

The company shared an impressive **infographic** about its annual profits.

insight

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

synonym: wisdom, discernment, understanding

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

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

communicate

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

synonym: convey, share, transmit

(1) **communicate** his anxieties to the psychiatrist,

(2) **communicate** well with my advisor

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

encode

v. to convert information into a code or format suitable for storage or transmission

synonym: transcribe, convert

(1) **encode** data, (2) **encode** information

The software can **encode** and decode encrypted messages.

transmission

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

synonym: transportation, communication, broadcast

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

Education is the **transmission** of civilization.

decode

v. to convert something, such as a message or piece of information, from a specific form into one that you can understand

synonym: decipher, translate, interpret

(1) **decode** a message, (2) ability to **decode** the differences

The software could **decode** the encrypted data and reveal the hidden information.

numeracy

n. the ability to understand and work with numbers, particularly in the context of everyday life and practical applications

synonym: numerical ability, math proficiency, math skills

(1) basic **numeracy**, (2) **numeracy** test results

Numeracy skills are important in many industries, including finance and science.

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.

quantity

n. the amount or number of something; magnitude

synonym : abundance, portion, amount

(1) half **quantity**, (2) residual **quantity**

In southward, the average annual water **quantity** increases.

stick

v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

synonym : pierce, adhere, stay

(1) **stick** a key in a lock, (2) fire **stick**

You **stick** a bill in the change machine, and the coins pop out.

quarter

n. one of four equal parts; a fourth part or portion

synonym : fourth, one-fourth

(1) a **quarter** mile, (2) end of the first **quarter**

The unemployment rate in the first **quarter** was 2.3 percentage points higher than in the previous.

millennium

n. a span of 1000 years, or the 1000th anniversary (plural: millennia)

(1) past **millennium**, (2) **millennium** bottle of wine

Our world is in the third **millennium**.

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.

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.

graphics

n. images, designs, or drawings used in websites, books, magazines, etc.

synonym : drawings, illustrations, pictures

(1) computer **graphics**, (2) **graphics** engine

My dream is to become a great **graphics** designer like her.

relative

adj. considered and evaluated through comparison with something else

synonym : comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

invention

n. the creation of a new device or process resulting from study and experimentation; the act of inventing

synonym : creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**

Necessity is the mother of **invention**.

chart

n. a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

synonym : diagram, graph, map

(1) a weather **chart**, (2) a statistical **chart**

This pie **chart** represents our market share.

visual

adj. relating to seeing or sight

synonym : optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts

The building makes a remarkable **visual** impact.

display

v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

synonym : show, exhibit, present

(1) **display** merchandise, (2) **display** artwork

We need to **display** our products in an attractive way to attract customers.

quantitative

adj. relating to, measuring, or expressing in terms of quantity; involving numerical or statistical data

synonym : numerical, measurable

(1) **quantitative** tightening, (2) **quantitative** analysis

The **quantitative** research provided statistical evidence to support the hypothesis.

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.

troop

n. a group of soldiers, especially a large one; a group of people, animals, or things considered as a unit.

synonym : group, unit, band

(1) the members of a military **troop**, (2) a **troop** of deer

The **troop** of soldiers marched through the city in a parade.

mortality

n. the quality or state of being subject to death

synonym : fatality

(1) **mortality** due to cancer, (2) lower infant **mortality**

This disease has a high **mortality**.

highlight

v. to make something prominent, mainly so that people give it more attention

synonym : feature, emphasize, stress

(1) **highlight** a string in red, (2) **highlight** an important difference

The introduction **highlighted** the speaker's distinguished career as a consultant

march

v. to walk militarily with stiff, regular steps

synonym : parade

(1) **march** against the war, (2) **march** east

The troops **marched** shoulder-to-shoulder.

illustrate

v. to provide pictures, photographs, diagrams, etc. in a book or something for explanation

synonym : demonstrate, explain, exemplify

(1) **illustrate** a key point, (2) **illustrate** a story

The company's financial records **illustrate** how successful it has been.

dwindle

v. to gradually decrease in size, amount, or strength; to become smaller

synonym : shrink, decrease, fade

(1) **dwindle** in importance, (2) **dwindle** to almost nothing

The crowds at the festival **dwindled** as the night went on.

geography

n. a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth

synonym : landscape, terrain, topography

(1) **geography** class, (2) economic **geography**

She did well on her **geography** exam.

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.

- toll** *n.* money that you have to pay to use a particular road, bridge, etc.; (verb) to ring slowly
synonym : fee, cost, expense
(1) a **toll** road, (2) **toll** a bell at his death
There is no **toll** car park nearby.
- 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.
- cartographer** *v.* a person who creates or produces maps, typically by gathering or analyzing geographic data and using specialized software or tools
synonym : mapmaker
(1) expert **cartographer**, (2) **cartographer's** tool
A **cartographer's** job requires a strong eye for detail and a deep understanding of geographic principles.
- excite** *v.* to make someone feel suddenly enthusiastic or eager
synonym : thrill, exhilarate, animate
(1) **excite** the crowd, (2) **excite** rebellion
The news of her promotion **excited** her.
- yield** *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
synonym : proceeds, harvest, output
(1) corn **yield**, (2) the **yield** on the bond
The company's stock gives a high **yield**.
- inspiration** *n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
synonym : motivation, drive, encouragement
(1) source of **inspiration**, (2) get **inspiration** from nature

He found **inspiration** in the works of his favorite authors.

subsidy

n. money paid by a government or an organization as part of the cost of something to aid or encourage it to happen

synonym: allowance, grant, sponsorship

(1) inefficient fossil fuel **subsidy**, (2) a **subsidy** for research

The government provided a considerable **subsidy** to the company.

scrutinize

v. to examine carefully and critically; to inspect closely

synonym: examine, inspect, audit

(1) **scrutinize** her belongings, (2) **scrutinize** a suspect

The detective **scrutinized** the evidence for any clues.

invest

v. to put money, effort, time, etc. into something to make a profit or achieve a result

synonym: fund, sponsor, support

(1) **invest** in stocks, (2) **invest** capital

The government should view children as national assets and actively **invest** in them.

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.

fossil

n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

synonym: relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

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

economy

n. the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

synonym: finance, trade, business

(1) **economy** of scale, (2) **economy** class

The **economy** of the country is struggling due to the recent political instability.

emphasize

v. to give or show particular importance to something

synonym: highlight, accentuate, stress

(1) **emphasize** her words, (2) **emphasize** a direct relationship

Use italics or capitals to **emphasize** a word in a piece of writing.

sculpt

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

synonym: carve, mold, shape

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

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

silicon

n. a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers

(1) **silicon** wafer, (2) crystalline **silicon**

Silicon is the second most abundant element on earth after oxygen.

valley

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

synonym : canyon, gorge, dale

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

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

weave

v. to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

synonym : braid, unite, contrive

(1) **weave** on a loom, (2) **weave** a story

The girl **weaves** a garland for her friend.

arc

n. the shape of a portion of a circle or other curved line

synonym : turn, bow, angle

(1) the **arc** current, (2) an **arc** of a circumference

A ball flew in a big **arc**.

collaboration

n. the act or situation of working together to create or produce something

synonym : affiliation, alliance, coalition

(1) **collaboration** between companies, (2) **collaboration** platform

The partnership program requires a mutual **collaboration** between both agencies.

patent

n. a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted

synonym : copyright, trademark, license

(1) **patent** application, (2) **patent** law

The company has filed for a **patent** to protect its new invention.

globe

n. the earth or world, mainly used to emphasize its vastness

synonym : Earth, world, sphere

(1) terrestrial **globe**, (2) around the **globe**

His final goal is to sail around the **globe**.

scrabble

v. to scratch or scrape at something with one's hands or claws frantically or desperately; to arrange or rearrange letter tiles to form words in a game of Scrabble (= a popular word game using a 15x15 square board and letter tiles) or a similar word game

synonym : scramble, jumble, mix

(1) **scrabble** through her purse, (2) **scrabble** words

The kids eagerly **scrabbled** to find the hidden Easter eggs in the garden.

dictionary

n. a reference book containing an alphabetical list of words and their definitions, as well as information about their origins, usage, and pronunciation

synonym : lexicon, glossary, vocabulary

(1) **dictionary** definition, (2) online **dictionary**

I need to purchase a new English **dictionary**.

coding

n. the process of writing or creating computer code, which is a set of instructions that tells a computer what to do to create software, websites, apps, and other digital products

synonym : encoding, programming, scripting

(1) **coding** skills, (2) **coding** challenge

Coding bootcamps have become a popular way to learn coding skills quickly.

interactive

adj. acting reciprocally; mutually responsive

synonym : reciprocal, responsive, mutual

(1) **interactive** experience, (2) an **interactive** device

The new video game has an **interactive** storyline that allows players to make choices that affect the game's outcome.

navigate

v. to plan and direct the way that a ship, plane, etc. will travel, often by using a map

synonym : guide, helm, voyage

(1) **navigate** the Pacific, (2) **navigate** through a document
Our knowledge helps **navigate** our clients successfully.

exotic

adj. originating from or characteristic of a foreign country or culture; strikingly unusual, uncommon, or intriguing

synonym : foreign, alien, unfamiliar

(1) **exotic** species, (2) **exotic** vacation

I love trying **exotic** foods from different cultures.

dot

n. a very small circular mark, especially one that is printed

synonym : drop, dab, fleck

(1) connecting the **dots**, (2) **dot** blot method

The wallpaper had a pattern of pink **dots** on a white surface.

redesign

v. to design something again, especially in a different or modified form; (noun) the process of designing something again

synonym : revamp, rework, remodel

(1) **redesign** project, (2) **redesign** of lifestyle

The company is planning to **redesign** its website.

sect

n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

synonym : group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

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.

investor

n. someone who puts money or capital into something to gain financial returns

synonym : financier, banker, stockholder

(1) **investor** lawsuit, (2) a real estate **investor**
Institutional **investors** refrained from buying stocks amid the booming economy.

glance

v. to give a quick or brief look; to hit something at an angle
synonym: glimpse, peek, flash

(1) **glance** around nervously, (2) **glance** at him miserably
I casually **glanced** into the small hut.

momentum

n. the force or power that is gained by a moving object; a strength or impetus gained through a process of development or activity

synonym: impetus, drive, thrust

(1) angular **momentum**, (2) **momentum** toward democracy
The team gained **momentum** after scoring their first goal.

upward

adv. toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place

synonym: skyward, uphill

(1) look **upward**, (2) demonstrate an **upward** trend
The company adjusted the revenue **upward**.

trajectory

n. the curved path followed by an object moving through space

synonym: course, curve, orbit

(1) career **trajectory**, (2) a **trajectory** missile
The company has shown an excellent growth **trajectory** over the years.

journal

n. a newspaper or magazine specialized in a specific topic or profession

synonym: periodical, diary, bulletin

(1) scientific **journal**, (2) **journal** articles
The physician is reading the **journals** related to medicine

simplicity

n. the quality or condition of being natural and plain or easy to understand or do

synonym : easiness, plainness, modesty

(1) a life of **simplicity**, (2) refined **simplicity**

He liked the car because of the **simplicity** of the design.

embrace

v. to accept something willingly and enthusiastically;
(noun) the act of clasping another person in the arms as in greeting or affection

synonym : grasp, hold tightly, accept

(1) **embrace** an opportunity, (2) a warm **embrace**

The woods **embrace** the house.

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.

glory

n. great honor or success won by notable achievements

synonym : acclaim, credit, recognition

(1) greatest **glory**, (2) former **glory**

It is preferable to die in **glory** than to live in dishonor.

chairperson

n. the officer who presides over organization meetings

synonym : director, head, leader

(1) vice **chairperson**, (2) the meeting elected a **chairperson**

The **chairperson** has the authority to approve or deny any request.

organization

n. a group of people who work together for a shared purpose

synonym : association, institution, community

(1) **organization** chart, (2) agricultural **organization**

She is the president of a large international **organization**.

president

n. the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.

synonym: leader, CEO, chairperson

(1) **president** emeritus, (2) vice- **president** for finance

The club **president** does not have absolute power.

approval

n. the belief that someone or something is good or acceptable

synonym: acceptance, endorsement, permission

(1) a written **approval**, (2) express my **approval**

This project took a lot of time to get the president's **approval**.

graph

n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

synonym: chart, diagram, figure

(1) **graph** theory, (2) a **graph** sample

This bar **graph** shows sales over the past five years.

initially

adv. at the beginning; at first

synonym: originally, primarily, firstly

(1) **initially** anticipated, (2) diagnosed **initially** as a tumor

This train departed later than **initially** scheduled.

boost

v. to improve, raise, or increase something

synonym: raise, advance, promote

(1) **boost** the economy, (2) **boost** flexibility

The new service helped **boost** net income by 10%.

scandal

n. an action or event regarded as morally or legally wrong and causing general public outrage

synonym: controversy, outrage, uproar

(1) **scandal** magazine, (2) a corruption **scandal**

The political **scandal** rocked the nation and led to the resignation of several high-ranking officials.

trigger

v. to make something happen suddenly; to cause something such as a device, machine, etc. to function

synonym: activate, spark, drive

(1) **trigger** a biochemical response, (2) **trigger** inflation

The incident **triggered** a political controversy.

decline

v. to become gradually smaller, fewer, worse, etc.; to refuse to accept

synonym: descend, drop, deny

(1) **decline** a job offer, (2) **decline** in quality

As people age, their digestive capacity also gradually **declines**.

annotate

v. to make notes or comments on a text or document

synonym: comment on, note, mark

(1) **annotate** a book, (2) **annotate** text

I need to **annotate** this document before I submit it.

graphic

adj. relating to visual art or involving the use of diagrams or illustrations; very clear and powerful

synonym: illustrative, picturesque, visual

(1) **graphic** design, (2) a **graphic** description of an accident

The **graphic** novel was a masterpiece with stunning illustrations that brought the story to life.

transmit

v. to send or forward an electronic signal; to pass something from one person or thing to another

synonym: convey, share, dispatch

(1) **transmit** the disease, (2) **transmit** information

Parents often **transmit** their characteristics to their children.

incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed
Her response revealed **incredible** idiocy.

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**.

infancy

n. the state or period of being a baby or very young child
synonym: childhood, babyhood, juvenescence

(1) **infancy** stage, (2) in early **infancy**
The technology is still in its **infancy** and has much room for improvement.

emerge

v. to move out of or away from something and become visible
synonym: arise, occur, appear

(1) **emerge** as a butterfly, (2) **emerge** from poverty
During colonial eras, new migratory patterns **emerged**.

dialect

n. a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics
synonym: accent, language, vernacular

(1) a local **dialect**, (2) minority **dialect**
The **dialect** spoken in the region differed from other parts of the country.

evolve

v. to develop gradually, or to cause the development of something or someone gradually
synonym: develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade
Eyeless fish **evolved** in dark caves.

unlock

v. to open something, such as a door, window, etc., usually using a key

synonym : open, solve, unravel

(1) **unlock** a door with a key, (2) **unlock** value

The customs officer required the traveler to **unlock** his suitcase.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym : finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

cortex

n. the outermost layer of an organ, especially the brain

(1) **cortex** cells, (2) visual **cortex** neuron

The cerebral **cortex** consists of six layers.

recognition

n. the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal

synonym : acknowledgement, identification, credit

(1) **recognition** award, (2) joint **recognition**

He was given **recognition** for his outstanding work in the field of medicine.

harness

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

synonym : rein in, control, (noun) belt

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

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

built-in

adj. included as an integral part of something

synonym : integrated, inherent, equipped

(1) **built-in** feature, (2) **built-in** battery

The new car had a **built-in** navigation system.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym : procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

vein

n. a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

synonym : artery, blood vessel, capillary

(1) spider **vein**, (2) collapsed **vein**

The nurse inserted the needle into the **vein** in his arm to draw blood.

Session 2: Spelling

- | | |
|--|---|
| 1. dic_____ry definition | <i>n.</i> a reference book containing an alphabetical list of words and their definitions, as well as information about their origins, usage, and pronunciation |
| 2. hi_____ht an important difference | <i>v.</i> to make something prominent, mainly so that people give it more attention |
| 3. an a_c of a circumference | <i>n.</i> the shape of a portion of a circle or other curved line |
| 4. mo_____ty due to cancer | <i>n.</i> the quality or state of being subject to death |
| 5. org_____ion chart | <i>n.</i> a group of people who work together for a shared purpose |
| 6. car_____her's tool | <i>v.</i> a person who creates or produces maps, typically by gathering or analyzing geographic data and using specialized software or tools |
| 7. vice cha_____on | <i>n.</i> the officer who presides over organization meetings |
| 8. gl___e at him miserably | <i>v.</i> to give a quick or brief look; to hit something at an angle |
| 9. tr_____it the disease | <i>v.</i> to send or forward an electronic signal; to pass something from one person or thing to another |
| 10. col_____ion platform | <i>n.</i> the act or situation of working together to create or produce something |
| 11. the great di_____ry of the century | <i>n.</i> the act or process of finding information, a place, or an object, or learning about something that was previously not known |

ANSWERS: 1. dictionary, 2. highlight, 3. arc, 4. mortality, 5. organization, 6. cartographer, 7. chairperson, 8. glance, 9. transmit, 10. collaboration, 11. discovery

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|----------------------------|--|
| 12. field of vi___l arts | <i>adj.</i> relating to seeing or sight |
| 13. int_____ve experience | <i>adj.</i> acting reciprocally; mutually responsive |
| 14. bu_____in feature | <i>adj.</i> included as an integral part of something |
| 15. inf_____ic design | <i>n.</i> a visual representation of information or data often used to present complicated or complex concepts in a simple and understandable way |
| 16. st__k a key in a lock | <i>v.</i> to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material |
| 17. a written ap_____al | <i>n.</i> the belief that someone or something is good or acceptable |
| 18. ill_____te a story | <i>v.</i> to provide pictures, photographs, diagrams, etc. in a book or something for explanation |
| 19. em___e as a butterfly | <i>v.</i> to move out of or away from something and become visible |
| 20. a statistical ch__t | <i>n.</i> a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea |
| 21. half qu_____ty | <i>n.</i> the amount or number of something; magnitude |
| 22. dw_____e in importance | <i>v.</i> to gradually decrease in size, amount, or strength; to become smaller |

ANSWERS: 12. visual, 13. interactive, 14. built-in, 15. infographic, 16. stick, 17. approval, 18. illustrate, 19. emerge, 20. chart, 21. quantity, 22. dwindle

23. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
24. an energy eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
25. angular mo_____um *n.* the force or power that is gained by a moving object; a strength or impetus gained through a process of development or activity
26. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
27. tra_____ion speed *n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
28. tr_____r inflation *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
29. crystalline si_____n *n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
30. di_____y artwork *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
31. en_____e data *v.* to convert information into a code or format suitable for storage or transmission

ANSWERS: 23. excite, 24. efficiency, 25. momentum, 26. represent, 27. transmission, 28. trigger, 29. silicon, 30. display, 31. encode

32. visual co___x neuron *n.* the outermost layer of an organ, especially the brain
33. a fo___l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
34. connecting the d_ts *n.* a very small circular mark, especially one that is printed
35. a gr____c description of an accident *adj.* relating to visual art or involving the use of diagrams or illustrations; very clear and powerful
36. re_____le energy *adj.* capable of being renewed, extended, or replaced
37. inefficient fossil fuel su____y *n.* money paid by a government or an organization as part of the cost of something to aid or encourage it to happen
38. bo__t flexibility *v.* to improve, raise, or increase something
39. biomass f__l *n.* a substance that is typically burned to generate heat or energy
40. va___y bottom *n.* a long depression on the surface of the land, which typically contains a river
41. a gr__h sample *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
42. express my ap_____al *n.* the belief that someone or something is good or acceptable
43. a real estate in_____or *n.* someone who puts money or capital into something to gain financial returns

ANSWERS: 32. cortex, 33. fossil, 34. dot, 35. graphic, 36. renewable, 37. subsidy, 38. boost, 39. fuel, 40. valley, 41. graph, 42. approval, 43. investor

44. diagnosed in_____ly as a tumor *adv.* at the beginning; at first
45. 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
46. qua_____ive analysis *adj.* relating to, measuring, or expressing in terms of quantity; involving numerical or statistical data
47. we___e on a loom *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
48. around the gl___e *n.* the earth or world, mainly used to emphasize its vastness
49. sc_____le through her purse *v.* to scratch or scrape at something with one's hands or claws frantically or desperately; to arrange or rearrange letter tiles to form words in a game of Scrabble (= a popular word game using a 15x15 square board and letter tiles) or a similar word game
50. co_____e chemically with another substance *v.* to join or merge to form a single thing or group
51. co___g skills *n.* the process of writing or creating computer code, which is a set of instructions that tells a computer what to do to create software, websites, apps, and other digital products

ANSWERS: 44. initially, 45. develop, 46. quantitative, 47. weave, 48. globe, 49. scrabble, 50. combine, 51. coding

52. ex___c vacation *adj.* originating from or characteristic of a foreign country or culture; strikingly unusual, uncommon, or intriguing
53. ec_____y of scale *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
54. mo_____um toward democracy *n.* the force or power that is gained by a moving object; a strength or impetus gained through a process of development or activity
55. 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
56. re_____gn of lifestyle *v.* to design something again, especially in a different or modified form; (noun) the process of designing something again
57. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
58. em___e from poverty *v.* to move out of or away from something and become visible
59. expert car_____her *v.* a person who creates or produces maps, typically by gathering or analyzing geographic data and using specialized software or tools

ANSWERS: 52. exotic, 53. economy, 54. momentum, 55. introduction, 56. redesign, 57. complexity, 58. emerge, 59. cartographer

60. burning of fo___l fuels *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
61. col_____ion between companies *n.* the act or situation of working together to create or produce something
62. mil_____um bottle of wine *n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)
63. vice-pr_____nt for finance *n.* the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.
64. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
65. gr_____c design *adj.* relating to visual art or involving the use of diagrams or illustrations; very clear and powerful
66. de_____e in quality *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
67. ex___c species *adj.* originating from or characteristic of a foreign country or culture; strikingly unusual, uncommon, or intriguing
68. ex___e rebellion *v.* to make someone feel suddenly enthusiastic or eager
69. ma__h against the war *v.* to walk militarily with stiff, regular steps
70. un___k a door with a key *v.* to open something, such as a door, window, etc., usually using a key
71. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 60. fossil, 61. collaboration, 62. millennium, 63. president, 64. evolve, 65.

graphic, 66. decline, 67. exotic, 68. excite, 69. march, 70. unlock, 71. process

72. a weather ch__t *n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
73. tr____it information *v.* to send or forward an electronic signal; to pass something from one person or thing to another
74. an____te a book *v.* to make notes or comments on a text or document
75. computer gr____cs *n.* images, designs, or drawings used in websites, books, magazines, etc.
76. tr____r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
77. the characters that re____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
78. collapsed v__n *n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation
79. extreme tem____res *n.* the degree of hotness or coldness of a thing or place
80. s__t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

ANSWERS: 72. chart, 73. transmit, 74. annotate, 75. graphics, 76. trigger, 77. represent, 78. vein, 79. temperature, 80. sect

81. 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
82. com_____te his anxieties to the psychiatrist *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
83. corn yi__d *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
84. bu_____in battery *adj.* included as an integral part of something
85. dw_____e to almost nothing *v.* to gradually decrease in size, amount, or strength; to become smaller
86. refined sim_____ty *n.* the quality or condition of being natural and plain or easy to understand or do
87. joint rec _____on *n.* the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal
88. career tra _____ry *n.* the curved path followed by an object moving through space
89. na_____te the Pacific *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
90. residual qu _____ty *n.* the amount or number of something; magnitude

ANSWERS: 81. introduction, 82. communicate, 83. yield, 84. built-in, 85. dwindle, 86. simplicity, 87. recognition, 88. trajectory, 89. navigate, 90. quantity

91. co___x cells *n.* the outermost layer of an organ, especially the brain
92. ability to de___e the differences *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
93. put a ha_____s on my pet *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
94. em_____ze her words *v.* to give or show particular importance to something
95. former gl__y *n.* great honor or success won by notable achievements
96. better fuel eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
97. a warm em_____e *v.* to accept something willingly and enthusiastically; (noun) the act of clasping another person in the arms as in greeting or affection
98. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
99. ill_____te a key point *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation

ANSWERS: 91. cortex, 92. decode, 93. harness, 94. emphasize, 95. glory, 96. efficiency, 97. embrace, 98. discovery, 99. illustrate

100. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
101. source of ins_____on *n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
102. common in_____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
103. lower infant mo_____ty *n.* the quality or state of being subject to death
104. a corruption sc_____l *n.* an action or event regarded as morally or legally wrong and causing general public outrage
105. the meeting elected a cha_____on *n.* the officer who presides over organization meetings
106. a life of sim_____ty *n.* the quality or condition of being natural and plain or easy to understand or do
107. online dic_____ry *n.* a reference book containing an alphabetical list of words and their definitions, as well as information about their origins, usage, and pronunciation
108. in early in_____y *n.* the state or period of being a baby or very young child
109. d_t blot method *n.* a very small circular mark, especially one that is printed
110. qua_____ive tightening *adj.* relating to, measuring, or expressing in terms of quantity; involving numerical or statistical data

ANSWERS: 100. evolve, 101. inspiration, 102. invention, 103. mortality, 104. scandal, 105. chairperson, 106. simplicity, 107. dictionary, 108. infancy, 109. dot, 110. quantitative

111. in___t capital *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
112. sc___t prototype *v.* to create a work of art by carving, casting, or other shaping techniques
113. em_____ze a direct relationship *v.* to give or show particular importance to something
114. em_____e an opportunity *v.* to accept something willingly and enthusiastically; (noun) the act of clasping another person in the arms as in greeting or affection
115. past mil_____um *n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)
116. smokeless f__l *n.* a substance that is typically burned to generate heat or energy
117. hi_____ht a string in red *v.* to make something prominent, mainly so that people give it more attention
118. look up___d *adv.* toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place
119. scr_____ze a suspect *v.* to examine carefully and critically; to inspect closely
120. agricultural org_____ion *n.* a group of people who work together for a shared purpose
121. secret s__t *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

ANSWERS: 111. invest, 112. sculpt, 113. emphasize, 114. embrace, 115. millennium, 116. fuel, 117. highlight, 118. upward, 119. scrutinize, 120. organization, 121. sect

122. gl___e around nervously *v.* to give a quick or brief look; to hit something at an angle
123. get ins_____on from nature *n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
124. in___t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
125. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
126. pr_____nt emeritus *n.* the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.
127. re_____gn project *v.* to design something again, especially in a different or modified form; (noun) the process of designing something again
128. a su_____y for research *n.* money paid by a government or an organization as part of the cost of something to aid or encourage it to happen
129. ge_____hy class *n.* a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth
130. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
131. si_____n wafer *n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers

ANSWERS: 122. glance, 123. inspiration, 124. invest, 125. complexity, 126. president, 127. redesign, 128. subsidy, 129. geography, 130. temperature, 131. silicon

132. end of the first qu____r *n.* one of four equal parts; a fourth part or portion
133. gr____cs engine *n.* images, designs, or drawings used in websites, books, magazines, etc.
134. ma__h east *v.* to walk militarily with stiff, regular steps
135. at inc____le speed *adj.* unbelievable; enormous
136. rec____on award *n.* the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal
137. co____e augmented reality *v.* to join or merge to form a single thing or group
138. de___e a message *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
139. inf____ic presentation *n.* a visual representation of information or data often used to present complicated or complex concepts in a simple and understandable way
140. ha____s a horse to a carriage *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
141. economic ge____hy *n.* a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth

ANSWERS: 132. quarter, 133. graphics, 134. march, 135. incredible, 136. recognition, 137. combine, 138. decode, 139. infographic, 140. harness, 141. geography

142. scr_____ze her belongings *v.* to examine carefully and critically; to inspect closely
143. in_____y stage *n.* the state or period of being a baby or very young child
144. sc_____l magazine *n.* an action or event regarded as morally or legally wrong and causing general public outrage
145. pa____t application *n.* a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted
146. basin-shaped va____y *n.* a long depression on the surface of the land, which typically contains a river
147. fire st__k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
148. un____k value *v.* to open something, such as a door, window, etc., usually using a key
149. an int_____ve device *adj.* acting reciprocally; mutually responsive
150. an_____te text *v.* to make notes or comments on a text or document
151. demonstrate an up____d trend *adv.* toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place
152. jo_____l articles *n.* a newspaper or magazine specialized in a specific topic or profession

ANSWERS: 142. scrutinize, 143. infancy, 144. scandal, 145. patent, 146. valley, 147. stick, 148. unlock, 149. interactive, 150. annotate, 151. upward, 152. journal

153. 3D di____m *n.* a simplified illustration of the appearance, structure, or workings of something
154. decision-making pr____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
155. na____te through a document *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
156. in____or lawsuit *n.* someone who puts money or capital into something to gain financial returns
157. re____ve factors *adj.* considered and evaluated through comparison with something else
158. gr__h theory *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
159. the tra____ion gears of a car *n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
160. a remote re____ve *adj.* considered and evaluated through comparison with something else
161. a local di____t *n.* a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics

ANSWERS: 153. diagram, 154. process, 155. navigate, 156. investor, 157. relative, 158. graph, 159. transmission, 160. relative, 161. dialect

162. pa___t law *n.* a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted
163. the members of a military tr__p *n.* a group of soldiers, especially a large one; a group of people, animals, or things considered as a unit.
164. es_____al amino acid *adj.* indispensable; fundamental
165. greatest gl__y *n.* great honor or success won by notable achievements
166. a tr__p of deer *n.* a group of soldiers, especially a large one; a group of people, animals, or things considered as a unit.
167. basic nu_____cy *n.* the ability to understand and work with numbers, particularly in the context of everyday life and practical applications
168. en___e information *v.* to convert information into a code or format suitable for storage or transmission
169. com_____te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
170. scientific jo_____l *n.* a newspaper or magazine specialized in a specific topic or profession
171. re_____le subscriptions *adj.* capable of being renewed, extended, or replaced
172. in a di_____m *n.* a simplified illustration of the appearance, structure, or workings of something

ANSWERS: 162. patent, 163. troop, 164. essential, 165. glory, 166. troop, 167. numeracy, 168. encode, 169. communicate, 170. journal, 171. renewable, 172. diagram

173. t__l a bell at his death *n.* money that you have to pay to use a particular road, bridge, etc.; (verb) to ring slowly
174. sc___t an image *v.* to create a work of art by carving, casting, or other shaping techniques
175. terrestrial gl__e *n.* the earth or world, mainly used to emphasize its vastness
176. es_____al commodities of life *adj.* indispensable; fundamental
177. bo__t the economy *v.* to improve, raise, or increase something
178. sc_____le words *v.* to scratch or scrape at something with one's hands or claws frantically or desperately; to arrange or rearrange letter tiles to form words in a game of Scrabble (= a popular word game using a 15x15 square board and letter tiles) or a similar word game
179. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
180. nu_____cy test results *n.* the ability to understand and work with numbers, particularly in the context of everyday life and practical applications
181. in_____ly anticipated *adv.* at the beginning; at first
182. the a_c current *n.* the shape of a portion of a circle or other curved line
183. a profound in_____t *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

ANSWERS: 173. toll, 174. sculpt, 175. globe, 176. essential, 177. boost, 178. scrabble, 179. invention, 180. numeracy, 181. initially, 182. arc, 183. insight

184. a t__l road *n.* money that you have to pay to use a particular road, bridge, etc.; (verb) to ring slowly
185. a qu____r mile *n.* one of four equal parts; a fourth part or portion
186. inc____le amount *adj.* unbelievable; enormous
187. de____e a job offer *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
188. ec____y class *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
189. the yi__d on the bond *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
190. share my in____ts *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
191. we__e a story *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
192. minority di____t *n.* a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics

ANSWERS: 184. toll, 185. quarter, 186. incredible, 187. decline, 188. economy, 189. yield, 190. insight, 191. weave, 192. dialect

193. spider v__n *n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation
194. a tra_____ry missile *n.* the curved path followed by an object moving through space
195. di_____y merchandise *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
196. co___g challenge *n.* the process of writing or creating computer code, which is a set of instructions that tells a computer what to do to create software, websites, apps, and other digital products
197. vi___l navigation *adj.* relating to seeing or sight
198. 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

ANSWERS: 193. vein, 194. trajectory, 195. display, 196. coding, 197. visual, 198. develop

Session 3: Fill in the Blanks

1. Cities around the world set records for highest _____ this summer.
n. the degree of hotness or coldness of a thing or place
2. A _____ job requires a strong eye for detail and a deep understanding of geographic principles.
v. a person who creates or produces maps, typically by gathering or analyzing geographic data and using specialized software or tools
3. The minority _____ believed in a set of unconventional religious practices.
n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
4. The customs officer required the traveler to _____ his suitcase.
v. to open something, such as a door, window, etc., usually using a key
5. A ball flew in a big _____.
n. the shape of a portion of a circle or other curved line
6. He found _____ in the works of his favorite authors.
n. something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
7. Dolphins use sound to _____ with each other.
v. to share or exchange information with others by speaking, writing, moving your body, or using other signals
8. The introduction _____ the speaker's distinguished career as a consultant
v. to make something prominent, mainly so that people give it more attention

ANSWERS: 1. temperatures, 2. cartographer's, 3. sect, 4. unlock, 5. arc, 6. inspiration, 7. communicate, 8. highlighted

9. Her research team made an important _____.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
10. Most countries prohibit sexual activity between certain close _____.
- adj.* considered and evaluated through comparison with something else
11. I need to _____ this document before I submit it.
- v.* to make notes or comments on a text or document
12. The political _____ rocked the nation and led to the resignation of several high-ranking officials.
- n.* an action or event regarded as morally or legally wrong and causing general public outrage
13. 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
14. 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
15. Trial and error is an _____ part of education.
- adj.* indispensable; fundamental
16. Necessity is the mother of _____.
- n.* the creation of a new device or process resulting from study and experimentation; the act of inventing

ANSWERS: 9. discovery, 10. relatives, 11. annotate, 12. scandal, 13. introduction, 14. develop, 15. essential, 16. invention

17. Our knowledge helps _____ our clients successfully.
- v. to plan and direct the way that a ship, plane, etc. will travel, often by using a map
18. Parents often _____ their characteristics to their children.
- v. to send or forward an electronic signal; to pass something from one person or thing to another
19. The nurse inserted the needle into the _____ in his arm to draw blood.
- n. a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation
20. The company's stock gives a high _____.
- n. the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
21. The company shared an impressive _____ about its annual profits.
- n. a visual representation of information or data often used to present complicated or complex concepts in a simple and understandable way
22. We need to _____ our products in an attractive way to attract customers.
- v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
23. You _____ a bill in the change machine, and the coins pop out.
- v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

ANSWERS: 17. navigate, 18. transmit, 19. vein, 20. yield, 21. infographic, 22. display, 23. stick

24. Her response revealed _____ idiocy.

adj. unbelievable; enormous

25. She is the president of a large international _____.

n. a group of people who work together for a shared purpose

26. In southward, the average annual water _____ increases.

n. the amount or number of something; magnitude

27. The government provided a considerable _____ to the company.

n. money paid by a government or an organization as part of the cost of something to aid or encourage it to happen

28. She did well on her _____ exam.

n. a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth

29. Education is the _____ of civilization.

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

30. The new service helped _____ net income by 10%.

v. to improve, raise, or increase something

31. The _____ has the authority to approve or deny any request.

n. the officer who presides over organization meetings

32. As people age, their digestive capacity also gradually _____.

v. to become gradually smaller, fewer, worse, etc.; to refuse to accept

ANSWERS: 24. incredible, 25. organization, 26. quantity, 27. subsidy, 28. geography, 29. transmission, 30. boost, 31. chairperson, 32. declines

33. The crowds at the festival _____ as the night went on.
v. to gradually decrease in size, amount, or strength; to become smaller
34. The woods _____ the house.
v. to accept something willingly and enthusiastically; (noun) the act of clasping another person in the arms as in greeting or affection
35. He is drawing a _____ illustrating how the equipment operates.
n. a simplified illustration of the appearance, structure, or workings of something
36. 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
37. The troops _____ shoulder-to-shoulder.
v. to walk militarily with stiff, regular steps
38. The unemployment rate in the first _____ was 2.3 percentage points higher than in the previous.
n. one of four equal parts; a fourth part or portion
39. The _____ research provided statistical evidence to support the hypothesis.
adj. relating to, measuring, or expressing in terms of quantity; involving numerical or statistical data
40. The company's financial records _____ how successful it has been.
v. to provide pictures, photographs, diagrams, etc. in a book or something for explanation

ANSWERS: 33. dwindled, 34. embrace, 35. diagram, 36. efficiency, 37. marched, 38. quarter, 39. quantitative, 40. illustrate

41. The company has shown an excellent growth _____ over the years.
n. the curved path followed by an object moving through space
42. The _____ had received a mild snowfall the previous week.
n. a long depression on the surface of the land, which typically contains a river
43. The building makes a remarkable _____ impact.
adj. relating to seeing or sight
44. I casually _____ into the small hut.
v. to give a quick or brief look; to hit something at an angle
45. The detective _____ the evidence for any clues.
v. to examine carefully and critically; to inspect closely
46. The _____ of soldiers marched through the city in a parade.
n. a group of soldiers, especially a large one; a group of people, animals, or things considered as a unit.
47. The company is planning to _____ its website.
v. to design something again, especially in a different or modified form; (noun) the process of designing something again
48. This train departed later than _____ scheduled.
adv. at the beginning; at first
49. Hydrogen and oxygen _____ to form water.
v. to join or merge to form a single thing or group

ANSWERS: 41. trajectory, 42. valley, 43. visual, 44. glanced, 45. scrutinized, 46. troop, 47. redesign, 48. initially, 49. combine

50. The software could _____ the encrypted data and reveal the hidden information.
- v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
51. This pie _____ represents our market share.
- n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
52. _____ is the second most abundant element on earth after oxygen.
- n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
53. _____ skills are important in many industries, including finance and science.
- n.* the ability to understand and work with numbers, particularly in the context of everyday life and practical applications
54. My dream is to become a great _____ designer like her.
- n.* images, designs, or drawings used in websites, books, magazines, etc.
55. I need to purchase a new English _____.
- n.* a reference book containing an alphabetical list of words and their definitions, as well as information about their origins, usage, and pronunciation
56. The company has filed for a _____ to protect its new invention.
- n.* a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted

ANSWERS: 50. decode, 51. chart, 52. Silicon, 53. Numeracy, 54. graphics, 55. dictionary, 56. patent

57. _____ bootcamps have become a popular way to learn coding skills quickly.
n. the process of writing or creating computer code, which is a set of instructions that tells a computer what to do to create software, websites, apps, and other digital products
58. The cerebral _____ consists of six layers.
n. the outermost layer of an organ, especially the brain
59. The _____ scarcity most severely impacted the manufacturing sector
n. a substance that is typically burned to generate heat or energy
60. It is preferable to die in _____ than to live in dishonor.
n. great honor or success won by notable achievements
61. This disease has a high _____.
n. the quality or state of being subject to death
62. He liked the car because of the _____ of the design.
n. the quality or condition of being natural and plain or easy to understand or do
63. This bar _____ shows sales over the past five years.
n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
64. The team gained _____ after scoring their first goal.
n. the force or power that is gained by a moving object; a strength or impetus gained through a process of development or activity
65. I love trying _____ foods from different cultures.
adj. originating from or characteristic of a foreign country or culture; strikingly unusual, uncommon, or intriguing

ANSWERS: 57. Coding, 58. cortex, 59. fuel, 60. glory, 61. mortality, 62. simplicity, 63. graph, 64. momentum, 65. exotic

66. The physician is reading the _____ related to medicine
n. a newspaper or magazine specialized in a specific topic or profession
67. 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
68. His final goal is to sail around the _____.
n. the earth or world, mainly used to emphasize its vastness
69. He was given _____ for his outstanding work in the field of medicine.
n. the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal
70. The company adjusted the revenue _____.
adv. toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place
71. We gained various _____ by analyzing the vast amount of data owned by the company.
n. the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
72. The technology is still in its _____ and has much room for improvement.
n. the state or period of being a baby or very young child
73. The software can _____ and decode encrypted messages.
v. to convert information into a code or format suitable for storage or transmission
74. Eyeless fish _____ in dark caves.
v. to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 66. journals, 67. complexity, 68. globe, 69. recognition, 70. upward, 71. insights, 72. infancy, 73. encode, 74. evolved

75. The production of _____ fuels requires massive volumes of fresh water.
adj. capable of being renewed, extended, or replaced
76. Our world is in the third _____.
n. a span of 1000 years, or the 1000th anniversary (plural: millennia)
77. Use italics or capitals to _____ a word in a piece of writing.
v. to give or show particular importance to something
78. There is no _____ car park nearby.
n. money that you have to pay to use a particular road, bridge, etc.; (verb) to ring slowly
79. The club _____ does not have absolute power.
n. the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.
80. The new video game has an _____ storyline that allows players to make choices that affect the game's outcome.
adj. acting reciprocally; mutually responsive
81. The kids eagerly _____ to find the hidden Easter eggs in the garden.
v. to scratch or scrape at something with one's hands or claws frantically or desperately; to arrange or rearrange letter tiles to form words in a game of Scrabble (= a popular word game using a 15x15 square board and letter tiles) or a similar word game
82. The girl _____ a garland for her friend.
v. to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

ANSWERS: 75. renewable, 76. millennium, 77. emphasize, 78. toll, 79. president, 80. interactive, 81. scrabbled, 82. weaves

83. The news of her promotion _____ her.

v. to make someone feel suddenly enthusiastic or eager

84. The partnership program requires a mutual _____ between both agencies.

n. the act or situation of working together to create or produce something

85. Institutional _____ refrained from buying stocks amid the booming economy.

n. someone who puts money or capital into something to gain financial returns

86. It was the _____ of a dinosaur tooth.

n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

87. This project took a lot of time to get the president's _____.

n. the belief that someone or something is good or acceptable

88. 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

89. The new car had a _____ navigation system.

adj. included as an integral part of something

90. The _____ of the country is struggling due to the recent political instability.

n. the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

ANSWERS: 83. excited, 84. collaboration, 85. investors, 86. fossil, 87. approval, 88. represent, 89. built-in, 90. economy

91. People have been exploring ways to _____ natural forces and resources since ancient times.
- v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
92. The wallpaper had a pattern of pink _____ on a white surface.
- n.* a very small circular mark, especially one that is printed
93. The _____ spoken in the region differed from other parts of the country.
- n.* a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics
94. The _____ novel was a masterpiece with stunning illustrations that brought the story to life.
- adj.* relating to visual art or involving the use of diagrams or illustrations; very clear and powerful
95. The _____ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
96. He spent hours every day _____ figures out of clay.
- v.* to create a work of art by carving, casting, or other shaping techniques
97. The government should view children as national assets and actively _____ in them.
- v.* to put money, effort, time, etc. into something to make a profit or achieve a result

ANSWERS: 91. harness, 92. dots, 93. dialect, 94. graphic, 95. process, 96. sculpting, 97. invest

98. The incident _____ a political controversy.

- v. to make something happen suddenly; to cause something such as a device, machine, etc. to function

99. During colonial eras, new migratory patterns _____.

- v. to move out of or away from something and become visible

ANSWERS: 98. triggered, 99. emerged