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Vocabulary Builder Reference from...

Dina Zielinski: How we can store digital data in DNA | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

tube

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

synonym: pipe, hose, duct

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

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

feat

n. a notable or impressive achievement, especially one that requires great skill or bravery

synonym: achievement, accomplishment, exploit

(1) intellectual **feat**, (2) **feat** accomplishment

It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

digital

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

synonym: numerical, computerized, cyber

(1) a **digital** watch, (2) **digital** electronic signature

Sensors convert physical phenomena into **digital** signals.

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**.

preceding

adj. occurring or coming before something or somebody in time or order; previous or former

synonym: former, earlier, antecedent

(1) **preceding** paragraph, (2) **preceding** year

During the **preceding** quarter, the company experienced significant growth.

storage

n. the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

synonym: storehouse, depository, warehousing

(1) a **storage** battery, (2) **storage** at low temperature

We store customer data in cloud **storage**.

device

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

synonym: gadget, instrument, tool

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

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

nonprofit

adj. not established for commercial profit

synonym: charitable

(1) a **nonprofit** organization, (2) **nonprofit** agency

Our law firm also focuses on **nonprofit** activities.

addition

n. the act or process of adding something to something else; the process of adding numbers

synonym: accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

tempting

adj. likely to attract or persuade someone to do something, especially something that may not be wise or safe

synonym: alluring, attractive, inviting

(1) **tempting** offer, (2) sound very **tempting**

The chocolate cake was too **tempting** for me to resist.

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.

humble

adj. having or showing a modest or low estimate of one's quality or importance

synonym: modest, unpretentious, abject

(1) a **humble** cottage, (2) **humble** opinion

The nobler, the more **humble**.

executive

n. a person or group of people with top-level management responsibility in a business or other organization; the branch that is responsible for implementing, administering, and enforcing laws, as well as running the day-to-day operations

synonym: administrator, manager, director

(1) **executive** editor at the publishing house, (2) **executive** vice president

As the **executive** director of the non-profit, it's her responsibility to make sure they're meeting their mission goals.

compact

adj. closely and firmly united or packed together, using very little space; smaller than is usual

synonym: packed, tight, consolidated

(1) a **compact** camera, (2) extremely **compact** device

Two countries acted together as if by **compact**.

disk

n. a flat, circular plate, typically made of metal, glass, or plastic, used for storing data or playing music

synonym : record, platter, plate

(1) **disk** drive, (2) **disk** space

The computer's hard **disk** was full, so she had to delete some files.

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

fascinating

adj. extremely interesting

synonym : alluring, intriguing, captivating

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

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

release

v. to set free or allow to escape from confinement

synonym : free, let go, discharge

(1) **release** a prisoner, (2) **release** CO2 into the air

The animal rights group worked to **release** the dolphins back into the wild.

equivalent

n. having the same value, quality, meaning, purpose, etc.

synonym : equal, counterpart, match

(1) **equivalent** amounts, (2) **equivalent** in meaning

The European Central Bank is Europe's **equivalent** of the Federal Reserve.

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.

byte

n. a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code

(1) **byte** code, (2) **byte** array

The computer hard drive had plenty of storage space but was running low on available **bytes**.

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.

dramatically

adv. in a very impressive manner

synonym: greatly, noticeably, suddenly

(1) he confessed **dramatically**, (2) the cabin pressure fell **dramatically**

Life expectancy has grown **dramatically** this century.

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.

obsolete

adj. no longer in use or helpful because something newer or better has been invented and introduced

synonym: ancient, bygone, outdated

(1) an **obsolete** word, (2) become **obsolete**

New technology has rendered my old smartphone **obsolete**.

floppy

adj. not stiff or firm; hanging loosely

synonym: limp, flaccid, pliable

(1) **floppy** infant, (2) **floppy** hat

The puppy's ears were still too long and **floppy** for its head.

damn

v. to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger

synonym: curse, condemn, denounce

(1) **damn** the consequences, (2) **damn** with faint praise

The company's poor financial performance is likely to **damn** the CEO's chances of being re-elected to the board.

repurpose

v. to use something again for a different purpose than it was originally intended

synonym: reutilize, recycle, reuse

(1) **repurpose** an old building, (2) **repurpose** a used car

The old barn was **repurposed** into a modern event space.

illusion

n. a false idea or belief, especially about somebody or about a situation

synonym: delusion, fallacy, magic trick

(1) optical **illusion**, (2) the **illusion** of being in the forest

He could no longer tell the difference between **illusion** and reality.

externalize

v. to give external form, expression, or material existence to something that was previously internal or subjective; to make explicit or apparent something that was previously unconscious or repressed

synonym: express, manifest, materialize

(1) **externalize** responsibilities, (2) **externalize** costs

It's important to **externalize** your feelings and not keep them bottled up.

problematic

adj. full of difficulties; difficult to deal with or solve

synonym: inappropriate, inconvenient, worrisome

(1) a **problematic** situation, (2) seems to be highly

problematic

Direct democracy is effective in quickly resolving **problematic** situations within a community.

argue

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

synonym : debate, dispute, quarrel

(1) **argue** a case, (2) **argue** passionately

The couple began to **argue** over which restaurant to go to for dinner.

critic

n. someone who expresses opinions about the quality of books, music, etc.

synonym : pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their **critics**.

delete

v. to remove something, especially that has been written; to wipe out digitally or magnetically recorded information

synonym : erase, wipe out, remove

(1) **delete** a file, (2) **delete** this modification

Highlight the sentences that you want to **delete**.

cave

n. a large hole in the side of a hill, cliff, mountain, or under the ground

synonym : cavern, grotto, burrow

(1) domiciliary **caves**, (2) the mouth of the **cave**

Bats reside in sheltered **caves**.

tablet

n. a small flat electronic device used for browsing the internet, reading, writing, or playing games; a small, solid pill of medicine

synonym : notepad, pill, medication

(1) a multivitamin **tablet**, (2) **tablet** keyboard

The new **tablet** device has a faster processor and better graphics than its predecessor.

decipher

v. to read or understand something that is written in code or in a difficult or obscure way

synonym: interpret, decode, translate

(1) **decipher** code, (2) **decipher** message

He spent hours trying to **decipher** the ancient text.

maintain

v. to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

synonym: preserve, uphold, sustain

(1) **maintain** order, (2) **maintain** good health

I need to **maintain** my car regularly to prevent any major mechanical issues.

genome

n. the complete set or sequence of genes of a human, animal, plant, or other living things

(1) sequencing of the human **genome**, (2) **genome** analyses

The human **genome** contains approximately three billion chemical base pairs.

font

n. a complete set of characters in a particular style and size used for printing text or displaying information on a screen

synonym: typeface, typography, lettering

(1) **font** size, (2) script **font**

I changed the **font** on my resume to make it more visually appealing.

stack

n. a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated

synonym: accumulation, heap, pile

(1) high **stack**, (2) a large **stack** of paper

The earthquake caused a **stack** of lumber to crumble noisily.

statue

n. a sculpture of a person or animal, typically made of stone or metal, that is intended to represent the subject in a lifelike or symbolic way

synonym : sculpture, figurine, monument

(1) a beautiful **statue**, (2) the ancient Egyptian **statues**

The **statue** of the famous hero stood proudly in the town square.

liberty

n. the state of being free within society from oppressive restrictions imposed by authority on one's way of life, behavior, or political views

synonym : freedom, autonomy, independence

(1) personal **liberty**, (2) **liberty** as a right

The founding fathers fought for the **liberty** of the American people.

monument

n. a statue, building, or other structure erected to commemorate a person or event

synonym : memorial, marker, statue

(1) humanity's **monument**, (2) **monument** honoring

The stone **monument** was built to commemorate the war heroes.

convert

v. to have a talk with someone; (adjective) reversed in order, relation, or action

synonym : alter, remake, transform

(1) **convert** fat into energy, (2) **convert** base 10 to base 16

I want to **convert** my sadness into strength.

gig

n. a performance by a musician or group of musicians, especially playing modern or pop music or jazz; a work that someone undertakes on a temporary basis

synonym : show, concert, engagement

(1) **gig** economy, (2) have a **gig** at the stadium

We are planning a speaking **gig** by a well-known author at a community center in a neighboring town.

trillion

n. the number 1,000,000,000,000; a million million
(1) **trillion** cubic feet, (2) many **trillions** of dollars
One light year is nearly 6 **trillion** miles.

minuscule

adj. extremely small; tiny
synonym: tiny, insignificant, microscopic
(1) **minuscule** amount, (2) **minuscule** letters
This ore emits **minuscule** quantities of radiation

durable

adj. capable of lasting and being used for a long time without being damaged or destroyed
synonym: enduring, stable, long-lasting
(1) **durable** peace, (2) **durable** materials
Our company's products are made of highly **durable** materials.

electrify

v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
synonym: wire, amaze, astonish
(1) **electrify** the audience, (2) **electrify** a manufacturing process
The product developed through years of research continues to **electrify** the market.

recover

v. to return to a former condition, health, mind, or strength
synonym: come back, convalesce, heal
(1) **recover** a loss, (2) **recover** approval ratings
She is still **recovering** from a shot to her shoulder.

ancient

adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
synonym: archaic, age-old, obsolete
(1) pre-Christian **ancient**, (2) **ancient** stories
They have been living near water since **ancient** times.

preserve

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

synonym : conserve, care for, maintain

(1) **preserve** my strength, (2) **preserve** a country's heritage
They worked hard to **preserve** the nature of their native lands.

genetic

adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

synonym : hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

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**.

cousin

n. the child of your aunt or uncle

synonym : relative

(1) cross- **cousin** marriage, (2) **cousin's** family

I used to play with my younger male **cousins** when I was a little girl.

human-made

adj. created or produced by humans; artificial

synonym : artificial, unnatural, manufactured

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

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

sequence

n. a series of related events, actions, numbers, etc., which have a particular order

synonym: arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**

We do move forward with those tasks in **sequence** next week.

synthesize

v. to combine a substance to make a more complex product or compound

synonym: incorporate, amalgamate

(1) **synthesize** molecules, (2) **synthesize** information

The spider can **synthesize** multiple different silk proteins.

lab

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

synonym: workshop, laboratory, research chamber

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

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

binary

n. a system of numbers that uses only two digits, 0 and 1

synonym: twofold, double

(1) a **binary** number, (2) trading in **binary** options

A **binary** star is a system in which two stars revolve around each other.

digit

n. one of the elements that collectively form a system of numeration; a finger, thumb, or toe

synonym: number, integer, numeral

(1) **digit** identifier, (2) the **digit** in the hundreds place

We must enter a six- **digit** number to unlock the safe.

pixel

n. the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

synonym: dot, point, picture element

(1) **pixel** density, (2) color **pixels**

The computer screen comprises thousands of tiny **pixels** that create the overall picture.

ink-jet

adj. of or relating to a type of printing technology commonly used in printers and other imaging devices that is a method of producing hard copies of digital images or documents by propelling tiny droplets of ink onto paper or other printable surfaces

(1) **ink-jet** printing, (2) **ink-jet** droplet

The printer used **ink-jet** technology for high-quality prints.

synthesis

n. the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements

synonym: combination, integration, compound

(1) **synthesis** of ammonia, (2) protein **synthesis** inhibitor

The chemical **synthesis** of the new drug was a breakthrough in medical research.

manuscript

n. the original copy of a book, piece of music, etc. before it is printed

synonym: script

(1) **manuscript** of a book, (2) ancient **manuscript**

The widow of a deceased writer discovered an incomplete novel **manuscript** in his room.

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.

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.

pioneer

n. inventor; explorer; someone who is among the first to achieve something

synonym: frontiersperson, innovator, trailblazer

(1) act as a **pioneer**, (2) early **pioneers**

John Whitney was a computer animation **pioneer**.

plaque

n. a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay

synonym: tablet, plate, medal

(1) arterial **plaque**, (2) commemorative **plaque**

The dentist removed the **plaque** from my teeth during my cleaning appointment.

depict

v. to illustrate someone or something in a photograph

synonym: illustrate, describe, express

(1) **depict** a scene, (2) **depict** a feeling of isolation

His son had accurately **depicted** the bloom.

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.

apparently

adv. based on what you have heard or read

synonym: evidently, obviously, supposedly

(1) **apparently** simple, (2) **apparently** unrelated

The police **apparently** believed this explanation was plausible.

approximate

adj. nearly accurate or correct, but not completely so

synonym: rough, close, near

(1) linear **approximate** equation, (2) **approximate** time
The **approximate** cost of the project was estimated to be around \$500,000.

locate

v. to specify or determine the exact position of someone or something

synonym: discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

solar

adj. of, from, or relating to the sun

(1) the **solar** system, (2) a **solar** eclipse

Solar panels have greatly improved not only in performance but also in durability.

spacecraft

n. a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

synonym: spaceship, satellite, probe

(1) **spacecraft** launch, (2) alien **spacecraft**

The human-crewed **spacecraft** successfully landed on the moon, fulfilling its mission.

encounter

v. to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

synonym: meet, run into, come across

(1) **encounter** a crisis, (2) **encounter** a storm

I'm prepared to **encounter** challenges throughout this adventure.

extraterrestrial

adj. relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth

synonym: alien, outer, otherworldly

(1) **extraterrestrial** planet, (2) **extraterrestrial** intelligence

Scientists are constantly searching for signs of

extraterrestrial life in the universe.

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.

straightforward

adj. easy to do or understand, or simple; free from ambiguity

synonym: honest, candid, forthright

(1) **straightforward** manner, (2) make a **straightforward** dash

The defendant gave a **straightforward** and accurate description of the accident.

overcome

v. to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone

synonym: beat, confound, overwhelm

(1) **overcome** opponents, (2) **overcome** all difficulties

He tried to **overcome** a bad reputation and win the election.

practical

adj. of or connected with actual use or real situation rather than with theory and ideas

synonym: applicable, functional, realistic

(1) **practical** English, (2) gain **practical** experience

Her concept is highly **practical** and helpful.

robust

adj. sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity

synonym: healthy, strong, booming

(1) **robust** growth, (2) a **robust** appetite

The experiment yielded **robust** results that support his theory.

retrieve

v. to find or get something back

synonym: recover, fetch, regain

(1) **retrieve** the lost wallet, (2) send and **retrieve** e-mail
She **retrieved** the book from the shelf.

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.

introductory

adj. intended as an introduction or preliminary; serving as a base or starting point

synonym: beginning, preliminary, initial

(1) **introductory** biology text, (2) product **introductory** sale
The **introductory** class was designed to give students a basic understanding of the subject.

synthetic

adj. made by combining chemical substances as opposed to being naturally occurring

synonym: artificial, manufactured, fabricated

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

Synthetic diamonds play an essential role as machine tool blades.

algorithm

n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

synonym: logic, method, rule

(1) the RSA **algorithm**, (2) **algorithm** for image processing
We can evaluate the performance of an **algorithm** in terms of computation time.

stream

n. a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.

synonym: flow, current, brook

(1) the **stream** of time, (2) an endless **stream** of cars

Jet **streams** are the common name for air currents that form high in the atmosphere.

essentially

adv. relating to the essential features or concepts of anything

synonym: fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

Essentially, a society is an organism.

strategy

n. a detailed plan of action designed to achieve a long-term or overall goal.

synonym: approach, procedure, scenario

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

Our plan includes a comprehensive marketing **strategy**.

participate

v. to take part in something

synonym: take part, partake, enter

(1) **participate** fully in conversation, (2) **participate** in the program

The majority of students actively **participated** in the college's intramural sports program.

fellow

adj. someone who has the same job or interests as you, or is in the same class, profession, or situation as you

synonym: buddy, mate, affiliate

(1) junior **fellow**, (2) nice **fellow**

He is the kind of **fellow** who only works for his success.

nerd

n. a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.

synonym: geek, techie, wonk

(1) a computer **nerd**, (2) **nerd** neck

He was, by nature, a cyber **nerd**.

thumb

n. the short, thick digit of the hand next to the index finger;
(verb) to travel by getting free rides from motorists

synonym: digit, finger, phalange

(1) **thumb** wrestling, (2) **thumb** a ride

He used his right **thumb** to press the button on his phone.

obvious

adj. easy to see, discover or understand

synonym: apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**

There are **obvious** differences between the two wine-producing regions.

time-consuming

adj. requiring a significant amount of time or effort to complete

synonym: lengthy, prolonged, protracted

(1) **time-consuming** project, (2) **time-consuming** process

Writing a research paper can be a **time-consuming** task.

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.

ephemeral

adj. lasting or used for only a short time

synonym: temporary, momentary, brief

(1) **ephemeral** joys, (2) **ephemeral** materials

His success as a famous actor was **ephemeral**.

grasp

v. to take hold of something or someone quickly and firmly

synonym: grab, clasp, grip

(1) **grasp** his hand, (2) **grasp** a chance

They spent a lot of time trying to **grasp** the current situation.

historic

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

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

nominate

v. to propose someone for a position, especially in politics or an organization, or some honor
synonym : appoint, designate, elect

(1) **nominate** him for an award, (2) **nominate** government representatives

The organization **nominated** her to be the next president.

heritage

n. the culture and traditions that are passed down from previous generations
synonym : legacy, tradition, inheritance

(1) **heritage** site, (2) historical **heritage**

The **heritage** of the city is reflected in its architecture.

advance

v. to go or move forward; to develop in a positive way
synonym : progress, boost, come along

(1) **advance** the technology, (2) **advance** a cooperative relationship

Scientific knowledge will **advance** significantly with the power of AI.

laptop

n. a portable computer that is small enough to be carried around easily and used on your lap

(1) bring my **laptop**, (2) thin-and-light **laptop**

I need to finish this report by tonight, so I'll be working on my **laptop** all day.

arch

n. a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building

synonym : turn, bow, arc

(1) the **arch** of a person's foot, (2) an **arch-shaped** stone structure

The **arch** bears the weight of the overhead bridge.

progression

n. the act or process of changing to the next stage or phase or moving forward

synonym: advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease

The company has made great strides in its **progression** toward sustainability.

Session 2: Spelling

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|-----------------------------------|---|
| 1. a glass t__e | <i>n.</i> a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape |
| 2. hi____ic accomplishment | <i>adj.</i> famous or significant in history, or potentially so |
| 3. ext_____ze responsibilities | <i>v.</i> to give external form, expression, or material existence to something that was previously internal or subjective; to make explicit or apparent something that was previously unconscious or repressed |
| 4. d__k space | <i>n.</i> a flat, circular plate, typically made of metal, glass, or plastic, used for storing data or playing music |
| 5. hu___e opinion | <i>adj.</i> having or showing a modest or low estimate of one's quality or importance |
| 6. ess_____ly correct | <i>adv.</i> relating to the essential features or concepts of anything |
| 7. re_____r approval ratings | <i>v.</i> to return to a former condition, health, mind, or strength |
| 8. lo___e a tumor | <i>v.</i> to specify or determine the exact position of someone or something |
| 9. sequencing of the human ge___e | <i>n.</i> the complete set or sequence of genes of a human, animal, plant, or other living things |

ANSWERS: 1. tube, 2. historic, 3. externalize, 4. disk, 5. humble, 6. essentially, 7. recover, 8. locate, 9. genome

- | | |
|--------------------------------------|--|
| 10. en___e information | <i>v.</i> to convert information into a code or format suitable for storage or transmission |
| 11. par_____te fully in conversation | <i>v.</i> to take part in something |
| 12. par_____te in the program | <i>v.</i> to take part in something |
| 13. eve_____ly succeed | <i>adv.</i> finally, particularly after a long time or a lot of struggle, complications, and so on |
| 14. make a str_____ard dash | <i>adj.</i> easy to do or understand, or simple; free from ambiguity |
| 15. arterial pl___e | <i>n.</i> a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay |
| 16. he_____ge site | <i>n.</i> the culture and traditions that are passed down from previous generations |
| 17. the di__t in the hundreds place | <i>n.</i> one of the elements that collectively form a system of numeration; a finger, thumb, or toe |
| 18. tim_____ing process | <i>adj.</i> requiring a significant amount of time or effort to complete |
| 19. linear app_____te equation | <i>adj.</i> nearly accurate or correct, but not completely so |
| 20. military st_____gy | <i>n.</i> a detailed plan of action designed to achieve a long-term or overall goal. |
| 21. in_____ly anticipated | <i>adv.</i> at the beginning; at first |

ANSWERS: 10. encode, 11. participate, 12. participate, 13. eventually, 14. straightforward, 15. plaque, 16. heritage, 17. digit, 18. time-consuming, 19. approximate, 20. strategy, 21. initially

22. pr_____ng paragraph *adj.* occurring or coming before something or somebody in time or order; previous or former
23. the se_____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
24. du_____e peace *adj.* capable of lasting and being used for a long time without being damaged or destroyed
25. no_____te him for an award *v.* to propose someone for a position, especially in politics or an organization, or some honor
26. a computer n__d *n.* a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.
27. de_____e a file *v.* to remove something, especially that has been written; to wipe out digitally or magnetically recorded information
28. re_____r a loss *v.* to return to a former condition, health, mind, or strength
29. become ob_____te *adj.* no longer in use or helpful because something newer or better has been invented and introduced
30. b__e code *n.* a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code
31. ro_____t growth *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity

ANSWERS: 22. preceding, 23. sequence, 24. durable, 25. nominate, 26. nerd, 27. delete, 28. recover, 29. obsolete, 30. byte, 31. robust

32. di__t identifier *n.* one of the elements that collectively form a system of numeration; a finger, thumb, or toe
33. completely fas_____ng to me *adj.* extremely interesting
34. ex___e rebellion *v.* to make someone feel suddenly enthusiastic or eager
35. pr_____ng year *adj.* occurring or coming before something or somebody in time or order; previous or former
36. tim_____ing project *adj.* requiring a significant amount of time or effort to complete
37. ob_____s reasons *adj.* easy to see, discover or understand
38. str_____ard manner *adj.* easy to do or understand, or simple; free from ambiguity
39. du_____e materials *adj.* capable of lasting and being used for a long time without being damaged or destroyed
40. bring my la___p *n.* a portable computer that is small enough to be carried around easily and used on your lap
41. sy_____ic fertilizer *adj.* made by combining chemical substances as opposed to being naturally occurring
42. de_____er message *v.* to read or understand something that is written in code or in a difficult or obscure way
43. 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

ANSWERS: 32. digit, 33. fascinating, 34. excite, 35. preceding, 36. time-consuming, 37. obvious, 38. straightforward, 39. durable, 40. laptop, 41. synthetic, 42. decipher,

43. process

44. the worst hum_____de disaster *adj.* created or produced by humans; artificial
45. 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
46. fas_____ng story *adj.* extremely interesting
47. hum_____de climate change *adj.* created or produced by humans; artificial
48. app_____te time *adj.* nearly accurate or correct, but not completely so
49. a large st__k of paper *n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
50. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
51. mi_____le amount *adj.* extremely small; tiny
52. ep_____al joys *adj.* lasting or used for only a short time
53. ancient man_____pt *n.* the original copy of a book, piece of music, etc. before it is printed
54. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
55. en_____er a storm *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

ANSWERS: 44. human-made, 45. decide, 46. fascinating, 47. human-made, 48. approximate, 49. stack, 50. sequence, 51. minuscule, 52. ephemeral, 53. manuscript, 54. evolve, 55. encounter

56. syn_____ze information *v.* to combine a substance to make a more complex product or compound
57. fl___y infant *adj.* not stiff or firm; hanging loosely
58. equ_____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
59. app_____ly unrelated *adv.* based on what you have heard or read
60. product int_____ory sale *adj.* intended as an introduction or preliminary; serving as a base or starting point
61. de___t a scene *v.* to illustrate someone or something in a photograph
62. high st__k *n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
63. re_____e CO2 into the air *v.* to set free or allow to escape from confinement
64. sy_____is of ammonia *n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements
65. a capillary t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
66. pre-Christian an_____t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

ANSWERS: 56. synthesize, 57. floppy, 58. equivalent, 59. apparently, 60. introductory, 61. depict, 62. stack, 63. release, 64. synthesis, 65. tube, 66. ancient

67. re____ve factors *adj.* considered and evaluated through comparison with something else
68. re_____se an old building *v.* to use something again for a different purpose than it was originally intended
69. seems to be highly pro_____ic *adj.* full of difficulties; difficult to deal with or solve
70. a bi___y number *n.* a system of numbers that uses only two digits, 0 and 1
71. his conclusion was ob____s *adj.* easy to see, discover or understand
72. the fo_____nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
73. ta___t keyboard *n.* a small flat electronic device used for browsing the internet, reading, writing, or playing games; a small, solid pill of medicine
74. ext_____ial planet *adj.* relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth
75. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
76. b__e array *n.* a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code
77. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on

ANSWERS: 67. relative, 68. repurpose, 69. problematic, 70. binary, 71. obvious, 72. footprint, 73. tablet, 74. extraterrestrial, 75. addition, 76. byte, 77. eventually

78. pr_____al English *adj.* of or connected with actual use or real situation rather than with theory and ideas
79. a st_____e battery *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
80. 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
81. an a__h-shaped stone structure *n.* a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building
82. tr_____on cubic feet *n.* the number 1,000,000,000,000; a million million
83. an_____t stories *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
84. de_____er code *v.* to read or understand something that is written in code or in a difficult or obscure way
85. art cr___c *n.* someone who expresses opinions about the quality of books, music, etc.
86. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

ANSWERS: 78. practical, 79. storage, 80. decode, 81. arch, 82. trillion, 83. ancient, 84. decipher, 85. critic, 86. decide

87. humanity's mo_____nt *n.* a statue, building, or other structure erected to commemorate a person or event
88. the ancient Egyptian st____es *n.* a sculpture of a person or animal, typically made of stone or metal, that is intended to represent the subject in a lifelike or symbolic way
89. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
90. app_____ly simple *adv.* based on what you have heard or read
91. the st____m of time *n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
92. de____t a feeling of isolation *v.* to illustrate someone or something in a photograph
93. d__n the consequences *v.* to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger
94. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
95. in_____t droplet *adj.* of or relating to a type of printing technology commonly used in printers and other imaging devices that is a method of producing hard copies of digital images or documents by propelling tiny droplets of ink onto paper or other printable surfaces
96. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward

ANSWERS: 87. monument, 88. statue, 89. equivalent, 90. apparently, 91. stream, 92. depict, 93. damn, 94. genetic, 95. ink-jet, 96. progression

97. he confessed dra_____lly *adv.* in a very impressive manner
98. pi__l density *n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
99. a di_____l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
100. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things
101. fl____y hat *adj.* not stiff or firm; hanging loosely
102. protein sy_____is inhibitor *n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements
103. re_____ve the lost wallet *v.* to find or get something back
104. no_____te government representatives *v.* to propose someone for a position, especially in politics or an organization, or some honor
105. cross-co____n marriage *n.* the child of your aunt or uncle
106. te_____ng offer *adj.* likely to attract or persuade someone to do something, especially something that may not be wise or safe
107. we__h heavily on stock prices *v.* to have a particular weight; to carefully evaluate things before making a conclusion

ANSWERS: 97. dramatically, 98. pixel, 99. digital, 100. typical, 101. floppy, 102. synthesis, 103. retrieve, 104. nominate, 105. cousin, 106. tempting, 107. weigh

108. commemorative pl___e *n.* a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay
109. an ob____te word *adj.* no longer in use or helpful because something newer or better has been invented and introduced
110. the RSA al_____hm *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
111. trading in bi___y options *n.* a system of numbers that uses only two digits, 0 and 1
112. ov_____me all difficulties *v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
113. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
114. ex_____ve editor at the publishing house *n.* a person or group of people with top-level management responsibility in a business or other organization; the branch that is responsible for implementing, administering, and enforcing laws, as well as running the day-to-day operations
115. ad_____e the technology *v.* to go or move forward; to develop in a positive way

ANSWERS: 108. plaque, 109. obsolete, 110. algorithm, 111. binary, 112. overcome, 113. feat, 114. executive, 115. advance

116. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
117. inc_____le amount *adj.* unbelievable; enormous
118. al_____hm for image processing *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
119. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
120. script f__t *n.* a complete set of characters in a particular style and size used for printing text or displaying information on a screen
121. n__d neck *n.* a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.
122. int_____ory biology text *adj.* intended as an introduction or preliminary; serving as a base or starting point
123. many tr_____ons of dollars *n.* the number 1,000,000,000,000; a million million
124. a so__r eclipse *adj.* of, from, or relating to the sun
125. develop a st_____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
126. domiciliary c__es *n.* a large hole in the side of a hill, cliff, mountain, or under the ground

ANSWERS: 116. device, 117. incredible, 118. algorithm, 119. excite, 120. font, 121. nerd, 122. introductory, 123. trillion, 124. solar, 125. strategy, 126. cave

127. d__k drive *n.* a flat, circular plate, typically made of metal, glass, or plastic, used for storing data or playing music
128. ar__e passionately *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
129. spa_____ft launch *n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
130. a multivitamin ta___t *n.* a small flat electronic device used for browsing the internet, reading, writing, or playing games; a small, solid pill of medicine
131. re_____e a prisoner *v.* to set free or allow to escape from confinement
132. gr__p a chance *v.* to take hold of something or someone quickly and firmly
133. extremely co_____t device *adj.* closely and firmly united or packed together, using very little space; smaller than is usual
134. achieve the hi_____ic feat *adj.* famous or significant in history, or potentially so
135. send and re_____ve e-mail *v.* to find or get something back
136. th__b a ride *n.* the short, thick digit of the hand next to the index finger; (verb) to travel by getting free rides from motorists
137. d__n with faint praise *v.* to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger

ANSWERS: 127. disk, 128. argue, 129. spacecraft, 130. tablet, 131. release, 132. grasp, 133. compact, 134. historic, 135. retrieve, 136. thumb, 137. damn

138. 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
139. alien spa_____ft *n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
140. early pi____rs *n.* inventor; explorer; someone who is among the first to achieve something
141. en_____er a crisis *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
142. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
143. mo_____nt honoring *n.* a statue, building, or other structure erected to commemorate a person or event
144. severe cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
145. become ess_____ly same *adv.* relating to the essential features or concepts of anything
146. no_____it agency *adj.* not established for commercial profit
147. the so__r system *adj.* of, from, or relating to the sun

ANSWERS: 138. process, 139. spacecraft, 140. pioneer, 141. encounter, 142. lab, 143. monument, 144. critic, 145. essentially, 146. nonprofit, 147. solar

148. diagnosed in_____ly as a tumor *adv.* at the beginning; at first
149. gain pr_____al experience *adj.* of or connected with actual use or real situation rather than with theory and ideas
150. syn_____ze molecules *v.* to combine a substance to make a more complex product or compound
151. we__h a cargo *v.* to have a particular weight; to carefully evaluate things before making a conclusion
152. have a g_g at the stadium *n.* a performance by a musician or group of musicians, especially playing modern or pop music or jazz; a work that someone undertakes on a temporary basis
153. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
154. a pro_____ic situation *adj.* full of difficulties; difficult to deal with or solve
155. co_____t base 10 to base 16 *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
156. the mouth of the c__e *n.* a large hole in the side of a hill, cliff, mountain, or under the ground
157. st_____e at low temperature *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

ANSWERS: 148. initially, 149. practical, 150. synthesize, 151. weigh, 152. gig, 153. device, 154. problematic, 155. convert, 156. cave, 157. storage

158. the a__h of a person's foot *n.* a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building
159. at inc_____le speed *adj.* unbelievable; enormous
160. act as a pi_____r *n.* inventor; explorer; someone who is among the first to achieve something
161. ge___e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
162. junior fe___w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
163. 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
164. color pi__ls *n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
165. a ro___t appetite *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
166. co_____t fat into energy *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
167. en___e data *v.* to convert information into a code or format suitable for storage or transmission

ANSWERS: 158. arch, 159. incredible, 160. pioneer, 161. genome, 162. fellow, 163. decode, 164. pixel, 165. robust, 166. convert, 167. encode

168. man_____pt of a book *n.* the original copy of a book, piece of music, etc. before it is printed
169. historical he_____ge *n.* the culture and traditions that are passed down from previous generations
170. lo___e a missing pet *v.* to specify or determine the exact position of someone or something
171. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
172. gr__p his hand *v.* to take hold of something or someone quickly and firmly
173. ma_____in order *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
174. fo_____nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
175. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
176. a hu___e cottage *adj.* having or showing a modest or low estimate of one's quality or importance
177. the cabin pressure fell dra_____lly *adv.* in a very impressive manner
178. th__b wrestling *n.* the short, thick digit of the hand next to the index finger; (verb) to travel by getting free rides from motorists
179. pr_____ve my strength *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

ANSWERS: 168. manuscript, 169. heritage, 170. locate, 171. evolve, 172. grasp, 173. maintain, 174. footprint, 175. lab, 176. humble, 177. dramatically, 178. thumb, 179. preserve

180. a no_____it organization *adj.* not established for commercial profit
181. ext_____ze costs *v.* to give external form, expression, or material existence to something that was previously internal or subjective; to make explicit or apparent something that was previously unconscious or repressed
182. de___e this modification *v.* to remove something, especially that has been written; to wipe out digitally or magnetically recorded information
183. di_____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
184. pr_____ve a country's heritage *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
185. ext_____ial intelligence *adj.* relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth
186. in_____t printing *adj.* of or relating to a type of printing technology commonly used in printers and other imaging devices that is a method of producing hard copies of digital images or documents by propelling tiny droplets of ink onto paper or other printable surfaces

ANSWERS: 180. nonprofit, 181. externalize, 182. delete, 183. digital, 184. preserve, 185. extraterrestrial, 186. ink-jet

187. an endless st___m of cars *n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
188. sound very te_____ng *adj.* likely to attract or persuade someone to do something, especially something that may not be wise or safe
189. optical il_____on *n.* a false idea or belief, especially about somebody or about a situation
190. f__t size *n.* a complete set of characters in a particular style and size used for printing text or displaying information on a screen
191. ex_____ve vice president *n.* a person or group of people with top-level management responsibility in a business or other organization; the branch that is responsible for implementing, administering, and enforcing laws, as well as running the day-to-day operations
192. el_____fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
193. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
194. sy_____ic fiber *adj.* made by combining chemical substances as opposed to being naturally occurring
195. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery

ANSWERS: 187. stream, 188. tempting, 189. illusion, 190. font, 191. executive, 192. electrify, 193. genetic, 194. synthetic, 195. feat

196. ov_____me opponents *v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
197. co____n's family *n.* the child of your aunt or uncle
198. the il_____on of being in the forest *n.* a false idea or belief, especially about somebody or about a situation
199. g_g economy *n.* a performance by a musician or group of musicians, especially playing modern or pop music or jazz; a work that someone undertakes on a temporary basis
200. ep_____al materials *adj.* lasting or used for only a short time
201. ad_____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
202. fairly ty_____l symptoms *adj.* having the usual characteristics or traits of a specific group of things
203. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
204. re_____se a used car *v.* to use something again for a different purpose than it was originally intended
205. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
206. personal li_____y *n.* the state of being free within society from oppressive restrictions imposed by authority on one's way of life, behavior, or political views

ANSWERS: 196. overcome, 197. cousin, 198. illusion, 199. gig, 200. ephemeral, 201. advance, 202. typical, 203. addition, 204. repurpose, 205. progression, 206. liberty

207. ar__e a case *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
208. a remote re____ve *adj.* considered and evaluated through comparison with something else
209. mi____le letters *adj.* extremely small; tiny
210. nice fe___w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
211. li____y as a right *n.* the state of being free within society from oppressive restrictions imposed by authority on one's way of life, behavior, or political views
212. ma_____in good health *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
213. a beautiful st___e *n.* a sculpture of a person or animal, typically made of stone or metal, that is intended to represent the subject in a lifelike or symbolic way
214. a co____t camera *adj.* closely and firmly united or packed together, using very little space; smaller than is usual
215. el____fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
216. thin-and-light la___p *n.* a portable computer that is small enough to be carried around easily and used on your lap

ANSWERS: 207. argue, 208. relative, 209. minuscule, 210. fellow, 211. liberty, 212. maintain, 213. statue, 214. compact, 215. electrify, 216. laptop

ANSWERS:

Session 3: Fill in the Blanks

1. I used to play with my younger male _____ when I was a little girl.
n. the child of your aunt or uncle
2. The product developed through years of research continues to _____ the market.
v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
3. This train departed later than _____ scheduled.
adv. at the beginning; at first
4. The earthquake caused a _____ of lumber to crumble noisily.
n. a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
5. I need to finish this report by tonight, so I'll be working on my _____ all day.
n. a portable computer that is small enough to be carried around easily and used on your lap
6. _____ a society is an organism.
adv. relating to the essential features or concepts of anything
7. The _____ class was designed to give students a basic understanding of the subject.
adj. intended as an introduction or preliminary; serving as a base or starting point
8. The printer used _____ technology for high-quality prints.
adj. of or relating to a type of printing technology commonly used in printers and other imaging devices that is a method of producing hard copies of digital images or documents by propelling tiny droplets of ink onto paper or other printable surfaces

ANSWERS: 1. cousins, 2. electrify, 3. initially, 4. stack, 5. laptop, 6. Essentially, 7. introductory, 8. ink-jet

9. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.
- n.* a workplace for the conduct of scientific research; a laboratory
10. I changed the ____ on my resume to make it more visually appealing.
- n.* a complete set of characters in a particular style and size used for printing text or displaying information on a screen
11. The corporation _____ dominated the entire tobacco business.
- adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
12. His success as a famous actor was _____.
- adj.* lasting or used for only a short time
13. The founding fathers fought for the _____ of the American people.
- n.* the state of being free within society from oppressive restrictions imposed by authority on one's way of life, behavior, or political views
14. We do move forward with those tasks in _____ next week.
- n.* a series of related events, actions, numbers, etc., which have a particular order
15. During the _____ quarter, the company experienced significant growth.
- adj.* occurring or coming before something or somebody in time or order; previous or former
16. 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

ANSWERS: 9. lab, 10. font, 11. eventually, 12. ephemeral, 13. liberty, 14. sequence, 15. preceding, 16. decide

17. The _____ of the famous hero stood proudly in the town square.

n. a sculpture of a person or animal, typically made of stone or metal, that is intended to represent the subject in a lifelike or symbolic way

18. Highlight the sentences that you want to _____.

v. to remove something, especially that has been written; to wipe out digitally or magnetically recorded information

19. New technology has rendered my old smartphone _____.

adj. no longer in use or helpful because something newer or better has been invented and introduced

20. Our company's products are made of highly _____ materials.

adj. capable of lasting and being used for a long time without being damaged or destroyed

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

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

22. They spent a lot of time trying to _____ the current situation.

v. to take hold of something or someone quickly and firmly

23. Most countries prohibit sexual activity between certain close _____.

adj. considered and evaluated through comparison with something else

24. Eyeless fish _____ in dark caves.

v. to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 17. statue, 18. delete, 19. obsolete, 20. durable, 21. tube, 22. grasp, 23. relatives, 24. evolved

25. The police _____ believed this explanation was plausible.

adv. based on what you have heard or read

26. He spent hours trying to _____ the ancient text.

v. to read or understand something that is written in code or in a difficult or obscure way

27. Scientific knowledge will _____ significantly with the power of AI.

v. to go or move forward; to develop in a positive way

28. The puppy's ears were still too long and _____ for its head.

adj. not stiff or firm; hanging loosely

29. The stone _____ was built to commemorate the war heroes.

n. a statue, building, or other structure erected to commemorate a person or event

30. The human _____ contains approximately three billion chemical base pairs.

n. the complete set or sequence of genes of a human, animal, plant, or other living things

31. He used his right _____ to press the button on his phone.

n. the short, thick digit of the hand next to the index finger; (verb) to travel by getting free rides from motorists

32. The old barn was _____ into a modern event space.

v. to use something again for a different purpose than it was originally intended

33. In _____ private corporations provide healthcare services.

n. the act or process of adding something to something else; the process of adding numbers

ANSWERS: 25. apparently, 26. decipher, 27. advance, 28. floppy, 29. monument, 30. genome, 31. thumb, 32. repurposed, 33. addition,

34. The company's poor financial performance is likely to _____ the CEO's chances of being re-elected to the board.
- v.* to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger
35. We store customer data in cloud _____.
- n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
36. The organization _____ her to be the next president.
- v.* to propose someone for a position, especially in politics or an organization, or some honor
37. Understanding protein folding is a vital step in deciphering the _____ code.
- adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
38. The robot can accurately _____ construction material.
- v.* to specify or determine the exact position of someone or something
39. Her concept is highly _____ and helpful.
- adj.* of or connected with actual use or real situation rather than with theory and ideas
40. She _____ the book from the shelf.
- v.* to find or get something back
41. We must enter a six-_____ number to unlock the safe.
- n.* one of the elements that collectively form a system of numeration; a finger, thumb, or toe

ANSWERS: 34. damn, 35. storage, 36. nominated, 37. genetic, 38. locate, 39. practical, 40. retrieved, 41. digit

42. Bats reside in sheltered _____.
- n.* a large hole in the side of a hill, cliff, mountain, or under the ground
43. The software can _____ and decode encrypted messages.
- v.* to convert information into a code or format suitable for storage or transmission
44. We are planning a speaking ____ by a well-known author at a community center in a neighboring town.
- n.* a performance by a musician or group of musicians, especially playing modern or pop music or jazz; a work that someone undertakes on a temporary basis
45. 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
46. _____ panels have greatly improved not only in performance but also in durability.
- adj.* of, from, or relating to the sun
47. The _____ cost of the project was estimated to be around \$500,000.
- adj.* nearly accurate or correct, but not completely so
48. The baby _____ 1 pound 3 oz.
- v.* to have a particular weight; to carefully evaluate things before making a conclusion
49. He is the kind of _____ who only works for his success.
- adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you

ANSWERS: 42. caves, 43. encode, 44. gig, 45. decode, 46. Solar, 47. approximate, 48. weighs, 49. fellow

50. I want to _____ my sadness into strength.

v. to have a talk with someone; (adjective) reversed in order, relation, or action

51. The defendant gave a _____ and accurate description of the accident.

adj. easy to do or understand, or simple; free from ambiguity

52. Life expectancy has grown _____ this century.

adv. in a very impressive manner

53. A _____ star is a system in which two stars revolve around each other.

n. a system of numbers that uses only two digits, 0 and 1

54. The human-crewed _____ successfully landed on the moon, fulfilling its mission.

n. a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

55. This ore emits _____ quantities of radiation

adj. extremely small; tiny

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

adj. extremely interesting

57. His son had accurately _____ the bloom.

v. to illustrate someone or something in a photograph

58. One light year is nearly 6 _____ miles.

n. the number 1,000,000,000,000; a million million

ANSWERS: 50. convert, 51. straightforward, 52. dramatically, 53. binary, 54. spacecraft, 55. minuscule, 56. fascinating, 57. depicted, 58. trillion

59. The _____ bears the weight of the overhead bridge.
n. a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building
60. The dentist removed the _____ from my teeth during my cleaning appointment.
n. a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay
61. The spider can _____ multiple different silk proteins.
v. to combine a substance to make a more complex product or compound
62. The widow of a deceased writer discovered an incomplete novel _____ in his room.
n. the original copy of a book, piece of music, etc. before it is printed
63. Direct democracy is effective in quickly resolving _____ situations within a community.
adj. full of difficulties; difficult to deal with or solve
64. This artwork is _____ of her work.
adj. having the usual characteristics or traits of a specific group of things
65. Scientists are constantly searching for signs of _____ life in the universe.
adj. relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth
66. The bridge is a _____ structure and was built to span the river.
adj. created or produced by humans; artificial

ANSWERS: 59. arch, 60. plaque, 61. synthesize, 62. manuscript, 63. problematic, 64. typical, 65. extraterrestrial, 66. human-made

67. They worked hard to _____ the nature of their native lands.
- v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
68. Jet _____ are the common name for air currents that form high in the atmosphere.
- n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
69. Writing a research paper can be a _____ task.
- adj.* requiring a significant amount of time or effort to complete
70. The experiment yielded _____ results that support his theory.
- adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
71. The new _____ device has a faster processor and better graphics than its predecessor.
- n.* a small flat electronic device used for browsing the internet, reading, writing, or playing games; a small, solid pill of medicine
72. I always carry a backup _____ in case my phone runs out of battery.
- n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
73. She is still _____ from a shot to her shoulder.
- v.* to return to a former condition, health, mind, or strength
74. He tried to _____ a bad reputation and win the election.
- v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone

ANSWERS: 67. preserve, 68. streams, 69. time-consuming, 70. robust, 71. tablet, 72. device, 73. recovering, 74. overcome

75. The news of her promotion _____ her.
v. to make someone feel suddenly enthusiastic or eager
76. We can evaluate the performance of an _____ in terms of computation time.
n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
77. The chocolate cake was too _____ for me to resist.
adj. likely to attract or persuade someone to do something, especially something that may not be wise or safe
78. As the _____ director of the non-profit, it's her responsibility to make sure they're meeting their mission goals.
n. a person or group of people with top-level management responsibility in a business or other organization; the branch that is responsible for implementing, administering, and enforcing laws, as well as running the day-to-day operations
79. Advocates for legal reform hear less harsh words from their _____.
n. someone who expresses opinions about the quality of books, music, etc.
80. Her response revealed _____ idiocy.
adj. unbelievable; enormous
81. He could no longer tell the difference between _____ and reality.
n. a false idea or belief, especially about somebody or about a situation
82. The animal rights group worked to _____ the dolphins back into the wild.
v. to set free or allow to escape from confinement

ANSWERS: 75. excited, 76. algorithm, 77. tempting, 78. executive, 79. critics, 80. incredible, 81. illusion, 82. release

83. 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
84. John Whitney was a computer animation _____.
- n.* inventor; explorer; someone who is among the first to achieve something
85. The majority of students actively _____ in the college's intramural sports program.
- v.* to take part in something
86. The computer's hard _____ was full, so she had to delete some files.
- n.* a flat, circular plate, typically made of metal, glass, or plastic, used for storing data or playing music
87. There are _____ differences between the two wine-producing regions.
- adj.* easy to see, discover or understand
88. I'm prepared to _____ challenges throughout this adventure.
- v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
89. _____ diamonds play an essential role as machine tool blades.
- adj.* made by combining chemical substances as opposed to being naturally occurring
90. The couple began to _____ over which restaurant to go to for dinner.
- v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

ANSWERS: 83. process, 84. pioneer, 85. participated, 86. disk, 87. obvious, 88. encounter, 89. Synthetic, 90. argue

91. The _____ of the city is reflected in its architecture.
n. the culture and traditions that are passed down from previous generations
92. They have been living near water since _____ times.
adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
93. The company has made great strides in its _____ toward sustainability.
n. the act or process of changing to the next stage or phase or moving forward
94. The European Central Bank is Europe's _____ of the Federal Reserve.
n. having the same value, quality, meaning, purpose, etc.
95. The Chinese people have accomplished several _____ feats.
adj. famous or significant in history, or potentially so
96. Two countries acted together as if by _____.
adj. closely and firmly united or packed together, using very little space; smaller than is usual
97. Our plan includes a comprehensive marketing _____.
n. a detailed plan of action designed to achieve a long-term or overall goal.
98. We choose transportation that has a smaller carbon _____.
n. a mark of a foot, shoe, or animal's foot left on a surface
99. The chemical _____ of the new drug was a breakthrough in medical research.
n. the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements

ANSWERS: 91. heritage, 92. ancient, 93. progression, 94. equivalent, 95. historic, 96. compact, 97. strategy, 98. footprint, 99. synthesis

100. He was, by nature, a cyber _____.

n. a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.

101. I need to _____ my car regularly to prevent any major mechanical issues.

v. to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

102. The computer hard drive had plenty of storage space but was running low on available _____.

n. a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code

103. Sensors convert physical phenomena into _____ signals.

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

104. Our law firm also focuses on _____ activities.

adj. not established for commercial profit

105. It's important to _____ your feelings and not keep them bottled up.

v. to give external form, expression, or material existence to something that was previously internal or subjective; to make explicit or apparent something that was previously unconscious or repressed

106. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.

n. a notable or impressive achievement, especially one that requires great skill or bravery

ANSWERS: 100. nerd, 101. maintain, 102. bytes, 103. digital, 104. nonprofit, 105. externalize, 106. feat

107. The nobler, the more _____.

adj. having or showing a modest or low estimate of one's quality or importance

108. The computer screen comprises thousands of tiny _____ that create the overall picture.

n. the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

ANSWERS: 107. humble, 108. pixels