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Vocabulary Builder Reference from...

Stephen Webb: Where are all the aliens? | TED Talk
https://www.ted.com/talks/stephen_webb_where_are_all_the.aliens

All Words

IMPORTANT

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Session 1: Word List

featureless

adj. lacking distinctive qualities, characteristics, or features; plain, unremarkable, or nondescript

synonym : blank, plain, feature-free

(1) **featureless** landscape, (2) **featureless** interior

The wall was **featureless**, with no patterns or designs to break up its dullness.

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.

hover

v. to stay in one place in the air

synonym : hang, float over, drift

(1) **hover** between life and death, (2) **hover** around the table

Two birds were **hovering** overhead.

incredibly

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

synonym : enormously, exceptionally, extraordinarily

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

insecure

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

ignore

v. to intentionally not listen or pay attention to
synonym: neglect, disregard, shun

(1) **ignore** her advice, (2) **ignore** a ban

Since independence, the area has been completely **ignored**.

physics

n. the science of matter and energy and their interactions

(1) nuclear **physics**, (2) laws of **physics**

He studied the **physics** of radiation.

skeptical

adj. doubting that something is accurate or useful

synonym: doubtful, distrustful, suspicious

(1) a **skeptical** attitude, (2) **skeptical** scientists

His religious and philosophical beliefs were utterly **skeptical**.

saucer

n. a small, shallow dish with a slightly raised edge or rim used for holding a cup or as a decorative object; a flying object that is often associated with UFO sightings

synonym: dish, plate, salver

(1) tea **saucer**, (2) flying **saucer**

She sipped her tea from a delicate **saucer**.

sight

n. the ability to see; anything that is seen

synonym: vision, spectacle, view

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

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

psychology

n. the scientific study of mind and behavior

(1) **psychology** experiment, (2) **psychology** of crowd

She had a master's degree in **psychology**.

brain

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

synonym : intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

alien

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

synonym : foreigner, unfamiliar, unknown

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

Alien species have drastically altered the ecosystem in this area.

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.

misinterpret

v. to understand or explain something in the wrong way

synonym : misunderstand, falsify, misconstrue

(1) **misinterpret** the purpose, (2) **misinterpret** the data

He **misinterpreted** her statement and got the wrong idea.

flit

v. to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect

synonym : flutter, dart, skim

(1) **flit** away into the darkness, (2) **flit** from place to place

The butterfly would **flit** from flower to flower, collecting nectar.

cosmos

n. another name for the universe, mainly used when it is thought of as an ordered system

synonym : universe, macrocosm

(1) exploration of **cosmos**, (2) origin of the **cosmos**

Supercomputers enable scientists to create computational

models of the **cosmos**.

puzzle

n. a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand

synonym: plight, maze, (verb) perplex

(1) crossword **puzzle**, (2) mathematical **puzzle**

This jigsaw **puzzle** is challenging because there are no pictures.

discuss

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

synonym: talk about, converse, debate

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

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

discipline

n. the practice of training people to obey rules or a code of behavior, using and punishments if these are broken; a region of activity, knowledge, or influence

synonym: training, restraint, field

(1) break **discipline**, (2) rigid **discipline**

He quickly learned the military **discipline**.

consensus

n. general agreement or accord in the judgment or opinion reached by a group as a whole

synonym: agreement, accord, harmony

(1) a public **consensus**, (2) **consensus** among scientists

The two parties have reached a **consensus**.

frank

adj. honest and sincere; open and candid in expression

synonym: candid, direct, freehearted

(1) **frank** and open discussion, (2) make a **frank** apology

Full involvement means **frank** and prompt responses.

observation

n. the act or activity of carefully examining or monitoring something or someone

synonym : watching, notice, reflection

(1) class **observation** day, (2) **observation** instrument

In the hospital, she will remain under constant **observation**.

puzzling

adj. confusing or difficult to understand; mysterious

synonym : baffling, confusing, enigmatic

(1) **puzzling** behavior, (2) **puzzling** questions

The detective found the clues **puzzling** and couldn't solve the case immediately.

universe

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

synonym : cosmos, macrocosm

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

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

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.

midnight

n. the middle point of the night, usually defined as 12:00 AM or the start of a new day

synonym : middle of the night, witching hour

(1) **midnight** snack, (2) **midnight** shift

I stayed up until **midnight** watching my favorite movie.

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.

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.

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.

technological

adj. based on scientific and industrial progress

synonym: specialized, technical

(1) **technological** advancement, (2) **technological** policy

Technological advances have disrupted many industries.

wormhole

n. a hypothetical tunnel or passage through space and time, permitting quicker travel across vast distances than would normally be possible

(1) quantum **wormhole**, (2) traversable **wormhole**

The theory of **wormholes** suggests they would create a shortcut between two points in space-time.

warp

v. to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something

synonym: twist, distort, deform

(1) **warp** under pressure, (2) become **warped**

The ship's hull was **warped** from years of use in rough seas.

extrapolation

n. the act of estimating or inferring something based on known information or data, often beyond the range of the available information or data; a projection or projection of trends or patterns into the future

synonym : inference, projection

(1) **extrapolation** method, (2) statistical **extrapolation**

The **extrapolation** error led to inaccuracies in the economic forecasting model.

celebrate

v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity

synonym : praise, glorify, honor

(1) **celebrate** his election, (2) **celebrate** Christmas

He **celebrated** the 10th anniversary of his tenure.

replicate

v. to make an exact copy of something; to repeat a process or experiment to confirm the results

synonym : duplicate, imitate, reproduce

(1) **replicate** the cell, (2) **replicate** data

The experiment was **replicated** several times to ensure accuracy.

probe

n. a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something

synonym : investigation, inquiry, examination

(1) a lunar **probe**, (2) **probe** for inside information

NASA sent a **probe** to study the atmosphere of Jupiter.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**
Mercury is the closest **planet** to the sun.

galaxy

n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
synonym : star cluster, nebula, star system

(1) elliptic **galaxy**, (2) a **galaxy** of famous actors
The Milky Way **galaxy** has numerous water-bearing planets.

launch

v. to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
synonym : start, initiate, begin

(1) **launch** a spaceship into orbit, (2) **launch** a big attack
The company is set to **launch** its new product line next month.

colon

n. the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system

(1) **colon** examination, (2) the **colon** at the end of the sentence

Consumption of vegetables may aid in the prevention of **colon** cancer.

intergalactic

adj. existing or occurring between different galaxies (= an independent group of stars)
synonym : extragalactic, cosmic, interstellar

(1) **intergalactic** travel, (2) **intergalactic** matter

The **intergalactic** spaceship traveled to distant planets.

colonize

v. to establish a colony in or on a specific place; to settle or occupy in large numbers
synonym : settle, occupy, inhabit

(1) **colonize** planets, (2) **colonize** for cultivation

European powers **colonized** much of the Americas in the

16th and 17th centuries.

far-fetched

adj. (of an idea or story) so exaggerated or ludicrous as to be very difficult to believe

synonym: bizarre, doubtful, unbelievable

(1) **far-fetched** idea, (2) **far-fetched** expressions

Though his plan sounded **far-fetched** at first, he realized it anyway.

engage

v. to attract and keep someone's attention and interest; to participate in or obtain services of something

synonym: confront, employ, amuse

(1) **engage** in environmental protection activities,

(2) **engage** a new employee

Many multinational companies are **engaged** in the reconstruction of that country.

recognizable

adj. easy to become aware of or identify

synonym: noticeable, perceptible, definite

(1) to a **recognizable** degree, (2) **recognizable** landmark

His car was easily **recognizable** in the parking lot.

capture

v. to catch a person or an animal and confine them in an area which they cannot escape

synonym: catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts

I was able to **capture** the moment on film.

sunlight

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

synonym: daylight, rays, sunshine

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

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

collaborate

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

synonym: cooperate, unite, get together

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

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

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.

frame

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

synonym: body, skeleton, scaffolding

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

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

barrier

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

synonym: border, barricade, fence

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

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

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.

identify

v. to recognize someone or something and say or prove who or what they are

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

habitable

adj. able to be lived in, suitable or fit for living in, providing sufficient conditions for survival and well-being

synonym : inhabitable, livable, viable

(1) **habitable** planet, (2) **habitable** space

The astronauts discovered a potentially **habitable** planet in the neighboring galaxy.

terrestrial

adj. of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air

synonym : earthy, earthborn, telluric

(1) **terrestrial** planets, (2) **terrestrial** heat

Terrestrial longitude is measured in degrees east or west of the Prime Meridian.

zone

n. a specific area, region, or section that is marked off or defined in some way

synonym : area, region, territory

(1) time **zone**, (2) **zone** defense

He was reluctant to leave his comfort **zone** and try something new.

liquid

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

synonym : fluid

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

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

astronomer

n. a physicist who studies astronomy

synonym : stargazer, cosmologist, astrophysicist

(1) amateur **astronomer**, (2) solar **astronomer**

This question has fascinated solar **astronomers** for decades.

confirm

v. to support or establish the truth or certainty of something previously believed or suspected to be the case

synonym : affirm, verify, assure

(1) **confirm** the diagnosis, (2) **confirm** a transaction

Please write to **confirm** your reservation.

breakthrough

n. a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

synonym: advance, progress, innovation

(1) **breakthrough** in the negotiations, (2) **breakthrough** discovery

A technique called deep learning has led to **breakthroughs** in AI.

fry

v. to cook food, especially meat or fish, in hot fat or oil

synonym: cook, roast, bake

(1) **fry** an egg, (2) **fry** over low heat

She devoted herself to **frying** the chicken in a pan until it was crispy and golden brown.

amino

n. compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH₂) that combine to make protein

(1) **amino** compound, (2) **amino** acid

This company was granted a patent for its **amino** resin manufacturing process.

acid

n. sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

synonym: sour

(1) an **acid** reaction, (2) good source of essential amino **acids**

During pregnancy, the stomach generates less **acid** than usual.

comet

n. a celestial object consisting of a nucleus of ice and dust that goes around the sun

synonym: meteor, asteroid, meteoroid

(1) the surface of the **comet**, (2) **comet** Halley

The **comet's** bright tail could be seen in the night sky.

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.

organic

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

synonym: biological

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

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

molecule

n. a group of two or more atoms held together by attractive forces known as chemical bonds

synonym: particle, element, atom

(1) small **molecules**, (2) **molecule** behavior

The shape of the DNA **molecule** is a double helix.

interstellar

adj. relating to or located in the space between stars

synonym: galactic, cosmic, intergalactic

(1) **interstellar** communication, (2) **interstellar** space

The **interstellar** medium comprises gas, dust, and cosmic rays that fill the space between stars.

exoplanet

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

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

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

ingredient

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

synonym: element, component

(1) secret **ingredients**, (2) compound the **ingredients**
Greed is the primary **ingredient** in the making of criminals.

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.

presumably

adv. believed to be true or likely based on the available evidence, or supposed to be the case without definite proof

synonym: likely, seemingly, supposedly

(1) **presumably** accurate, (2) **presumably** refuse the offer
The witness's testimony was **presumably** based on what he had seen and heard.

intelligence

n. the ability to learn, comprehend, or make judgments or conclusions based on reasons

synonym: brains, brightness, cleverness

(1) an **intelligence** test, (2) field of artificial **intelligence**
In terms of **intelligence**, he was head and shoulders above his classmates.

cooperate

v. to work together with one or more people or organizations to achieve a goal

synonym: collaborate, team up, work together

(1) **cooperate** with one another, (2) **cooperate** closely in various ways

The team had to **cooperate** to complete the project on time.

octopus

n. a sea creature with a soft round body and eight long tentacles (= long parts like arms)

synonym: devilfish

(1) giant **octopus**, (2) venomous **octopus**
He experienced nausea after eating live **octopus**.

captivity

n. the situation in which a person or animal is kept in prison or a space that they cannot escape from

synonym: confinement, detention, imprisonment

(1) escape from **captivity**, (2) animals in **captivity** in the zoo

Pandas rarely breed in **captivity**.

recognize

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

synonym: acknowledge, identify, admit

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

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

raven

n. a large, glossy black bird that is a species of a crow; a person with jet-black hair, sometimes used as an adjective to describe such hair

synonym: crow, blackbird, corvid

(1) **raven** feather, (2) **raven** in flight

The **raven's** distinctive croaking call echoed through the forest.

creature

n. a living being, especially an animal

synonym: being, animal, organism

(1) **creature** of habit, (2) artificial **creature**

The deep sea **creature** was unlike anything the scientists had ever seen before.

contemplate

v. to think about a possible future action or to think about something for a long time thoughtfully

synonym: think over, ponder, consider

(1) **contemplate** a marriage, (2) **contemplated** leaving school

I recently **contemplated** dropping out of school and getting a full-time job.

implement

v. to put a decision, plan, or system into effect

synonym: execute, enforce, put through

(1) **implement** a corporate strategy, (2) **implement** security measures

The government promised to **implement** a new system to control the financial crisis.

evolution

n. a gradual process of transformation of living things

synonym: elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

engineer

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

synonym: architect, creator, builder

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

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

distance

n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance

synonym: space, gap, span

(1) driving **distance**, (2) social **distance**

The marathon runner covered a long **distance** in a short amount of time.

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.

hostile

adj. unfriendly or aggressively opposed

synonym: unfriendly, aggressive, antagonistic

(1) take up a **hostile** attitude, (2) **hostile** environment
The **hostile** takeover of the company was met with resistance from the employees.

silent

adj. without any or little sound

synonym: quiet, hushed, mute

(1) **silent** reading, (2) give **silent** consent

The politician remained **silent** despite intense media scrutiny.

mathematics

n. the science dealing with the logic of quantities, shapes, spaces, and arrangement

synonym: arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for **mathematics**.

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.

conclude

v. to come to an end or close; to reach a judgment or opinion by reasoning

synonym: complete, finish, decide

(1) **conclude** a meeting, (2) **conclude** that he is healthy

We **concluded** a cease-fire.

definition

n. a concise explanation of the meaning of a word, phrase, or symbol

synonym: description, connotation, meaning

(1) a precise **definition**, (2) the **definition** of a word

Parallel lines are, by **definition**, lines on the same plane that never cross.

infer

v. to form an opinion or conclude that something is true based on existing facts

synonym: guess, deduce, assume

(1) **infer** quality from price, (2) **infer** the possibility

Animal desire and preference are always **inferred** from their behavior.

cosmic

adj. relating to the universe or cosmos; vast or limitless

synonym: astronomical, celestial, outer-space

(1) second **cosmic** velocity, (2) **cosmic** background radiation

Cosmic rays are high-energy particles that originate from outside the solar system.

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.

simulate

v. to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

synonym: pretend, imitate, mimic

(1) **simulate** climate change, (2) **simulate** a future scenario

He had painted the wood to **simulate** stone.

rev

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

synonym: revolution, RPM, speed

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

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

rev.

colleague

n. one of a group of a coworker, especially in a profession or a business

synonym: coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

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.

vast

adj. enormous in size, number, amount, or quantity

synonym: expansive, extended, boundless

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

A **vast** audience viewed the broadcast.

doubt

n. a feeling of being uncertain about something, especially about how good or accurate it is

synonym: distrust, suspect, mistrust

(1) dispel **doubts**, (2) no **doubt** about the news

Doubt is the start, not the end, of intelligence.

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.

plausible

adj. seeming reasonable or likely to be true, and therefore convincing

synonym: probable, conceivable, credible

(1) **plausible** explanation, (2) a **plausible** liar
She could find no **plausible** explanation for its failure.

context

n. the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

synonym: background, setting, environment

(1) historical **context**, (2) legal **context**

It's important to understand the **context** of a situation before making a decision.

peter

v. to fail or lose power, efficiency, or value gradually before coming to an end

synonym: decrease, drop, lower

(1) eventually **peter** out, (2) begin to **peter** out

The music just **petered** out.

ward

n. a room in a hospital for patients requiring special care

synonym: room, division, unit

(1) a children's **ward**, (2) **ward** nurse

The patient was moved to the intensive care **ward** for further treatment.

Don

n. a Spanish gentleman; a university lecturer, especially a senior member of a college at Oxford or Cambridge

(1) the **don** of the university, (2) **Don** Giovanni

He could never go against what **Don** Carlos said.

propose

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

synonym: suggest, offer, recommend

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

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

estimate

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

synonym:

calculate, gauge, evaluate

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

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

geophysical

adj. relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography

synonym : geologic, earth science, seismic

(1) **geophysical** exploration, (2) **geophysical** data

Geophysical surveys study the physical characteristics of the Earth's surface and subsurface.

simplify

v. to make something more straightforward, more understandable, or easier to do

synonym : streamline, clarify, elucidate

(1) **simplify** my life, (2) **simplify** the process

Please **simplify** your explanation for the children.

sophisticated

adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

synonym : refined, cultured, worldly

(1) **sophisticated** look, (2) a **sophisticated** lifestyle

Marketing strategies are growing more **sophisticated**.

argument

n. a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute

synonym : debate, discourse, discussion

(1) a blazing **argument**, (2) the **argument** against capital punishment

The **argument** between the two sides over the proposed policy was heated.

inhabitant

n. a person or an animal that lives in a particular place

synonym : dweller, occupant, resident

(1) the early **inhabitants** of Europe, (2) **inhabitant** tax
His family is the oldest **inhabitant** of the island.

clement

adj. mild, merciful, or forgiving in temperament or actions;
lenient

synonym : merciful, compassionate, forgiving

(1) **clement** weather, (2) **clement** response

The teacher's **clement** demeanor helped ease the students' nerves before the exam.

climate

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

synonym : atmosphere, weather, environment

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

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

stability

n. the quality or attribute of being firm and steadfast

synonym : resilience, solidity, steadiness

(1) **stability** pact, (2) fiscal **stability** pact

The policy should increase the country's monetary **stability**.

astronomical

adj. relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude

synonym : huge, vast, enormous

(1) **astronomical** observation, (2) **astronomical** numbers

The cost of the new equipment was **astronomical** and beyond the company's budget.

influence

n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself

synonym : power, leverage, effect

(1) **influence** a child's future, (2) **influence** the daily life

The former emperor had a particular **influence** even after he abdicated.

- hint** *n.* an indirect suggestion; a slight but appreciable amount of something
synonym: clue, indication, suggestion
(1) **hint** of trouble, (2) helpful **hints**
There was no **hint** of a problem.
- prevailing** *adj.* most frequent, widespread, or currently dominant, usually referring to a particular opinion, attitude, or trend
synonym: dominant, prevalent, current
(1) **prevailing** wind, (2) **prevailing** trend
The **prevailing** opinion was that the project would be a success.
- mar** *v.* to damage or spoil the appearance or surface of something
synonym: damage, deface, disfigure
(1) **mar** a proper relationship, (2) **mar** the reputation
The scratches on the car **marred** its otherwise perfect appearance.
- outcome** *n.* the result or effect of an action, event, etc.
synonym: result, consequence, effect
(1) improved student **outcomes**, (2) a desirable **outcome**
They awaited news of the **outcome** of the election.
- permit** *v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
synonym: allow, authorize, concede
(1) **permit** application, (2) work **permit**
The teacher will not **permit** any students to leave the classroom early.
- stable** *adj.* firm and steady; not easily moved, disturbed, or changed
synonym: sturdy, unmoving, durable
(1) in **stable** condition, (2) have a **stable** job

Relations between the two countries have been relatively **stable** due to the summit meeting.

axis

n. a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance

synonym : central, core, pole

(1) vertical **axis**, (2) a coordinate **axis**

The earth's **axis** of rotation is tilted 66.5 degrees to the ecliptic plane.

tilt

v. to incline or bend from a vertical position; (noun) the act of inclining or the state of being inclined or leaning to one side

synonym : incline, slant, lean

(1) on the **tilt**, (2) **tilt** a chair

She **tilted** her head to the side, indicating she was listening.

rotation

n. the action or process of moving in a circle around an axis or center

synonym : revolution, spin, turning

(1) job **rotation**, (2) a period of **rotation**

The **rotation** of the Earth causes day and night.

moderate

adj. being within reasonable limits; not excessive or extreme

synonym : average, middle-of-the-road, tempered

(1) **moderate** growth, (2) **moderate** risk

He had a **moderate** understanding of the topic but needed further research.

spin

v. to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented

synonym : rotate, twirl, swirl

(1) **spin** a top, (2) **spin** thread out of cotton

The tornado is **spinning** across the countryside, destroying everything in its path.

wander

v. to walk around slowly or to a place, often without any clear purpose or direction

synonym : ramble, roam, stroll

(1) **wander** alone in a strange country, (2) **wander** far from home

I often **wander** around the park for half an hour.

chaotic

adj. without any order or organization; extremely disorganized, unpredictable, and confusing

synonym : disorderly, cluttered, topsy-turvy

(1) the **chaotic** economic situation, (2) **chaotic** theory

Change is also occurring in Turkey as a result of **chaotic** reform.

episode

n. a happening or story that is distinctive in a series of related events; an abrupt short period during which someone suffers from the effects of a physical or mental illness

synonym : event, chapter, seizure

(1) end of the first **episode**, (2) **episode** of vertigo

I want to put that **episode** of my life behind me.

instance

n. a particular example or single occurrence of something

synonym : example, sample, illustration

(1) for **instance**, (2) notable **instance**

These articles cite five **instances** of climate change.

unlikely

adj. not probable or likely to happen

synonym : doubtful, questionable, far-fetched

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

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

multicellular

adj. characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)

synonym : multicelled, many-celled, complex

(1) **multicellular** tissues, (2) **multicellular** life

Multicellular organisms are composed of many specialized cells working together.

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.

structure

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

synonym: construction, architecture, establishment

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

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

opportune

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

synonym: suitable, timely, practical

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

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

settle

v. to reach an agreement of disagreement

synonym: inhabit, occupy, decide

(1) **settle** a dispute, (2) **settle** down in the town

I don't want to **settle** for second best.

purity

n. the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature

synonym: sinlessness, innocence, cleanliness

(1) the degree of **purity**, (2) high **purity**

Higher **purity** requires additional equipment and energy.

illustration

n. a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something

synonym : picture, diagram, explanation

(1) educational **illustration**, (2) **illustration** artist

The **illustration** in the book helped me understand the concept better.

suppose

v. to think that something is likely to be actual or possible

synonym : guess, assume, presume

(1) **suppose** you're right, (2) **suppose** beforehand

What do you **suppose** the culprit's motive was?

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.

benign

adj. kind and gentle; not harmful or malicious

synonym : kind, gentle, harmless

(1) **benign** tumor, (2) a **benign** smile

The lump was discovered to be **benign**, and no further treatment was needed.

eon

n. (also aeon) an indefinite long period of time; the longest division of geological time scale

synonym : aeon

(1) a geological **eon**, (2) over the **eons**

I heard that fairy tale **eons** ago.

technique

n. a particular way or art of doing something that needs skill

synonym : approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior **technique** brought him victory.

abstract

adj. based on general ideas, feelings, or qualities and not on any a physical or concrete existence

synonym : conceptual, theoretical, ideational

(1) an **abstract** noun, (2) **abstract** science

The invention of the camera triggered the development of **abstract** painting.

concept

n. an idea or principle associated with something abstract

synonym : idea, notion, vision

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

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

grammar

n. the set of structural constraints on speakers' or writers' composition of clauses, phrases, and words

synonym : syntax, elements

(1) **grammar** checker, (2) Latin **grammar**

Mastering **grammar** takes a lot of time for those learning a foreign language.

disaster

n. an unexpected event or series of events that cause widespread damage, destruction, or loss of life

synonym : catastrophe, calamity, tragedy

(1) global **disaster**, (2) **disaster** recovery

The **disaster** response team worked around the clock to aid those affected by the earthquake.

inflict

v. to cause harm, injury, or suffering to someone or something

synonym : impose, levy, administer

(1) **inflict** a heavier tax, (2) **inflict** a hard blow

The storm **inflicted** significant damage on the town.

blast

n. explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise

synonym : blow, burst, explosion

(1) a **blast** of wind, (2) an icy **blast**

The **blast** shattered the laboratory equipment.

flare

v. to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface

synonym : blaze, ignite, light up

(1) **flare** up into a major crisis, (2) the **flare** of a match

The Sun **flared** and caused a sudden brightening in the sky.

visible

adj. capable of being seen; or open to easy view

synonym : clear, observable, seeable

(1) **visible** stars, (2) **visible** by X-ray

My home is easily **visible** from the shore.

terror

n. intense fear; a state of intense fear or alarm

synonym : fear, alarm, horror

(1) **terror** attack, (2) **terror** group

The bomb blast spread **terror** among the people.

opposition

n. the act of disagreeing or resisting; the state of strong disagreement

synonym : resistance, hostility, antagonism

(1) **opposition** campaign, (2) meet with **opposition**

The **opposition** party strongly disagreed with the government's proposed legislation.

trek

n. a long and difficult journey, typically on foot

synonym : journey, expedition, hike

(1) horseback **trek**, (2) **trek** expedition

He was preparing for a long **trek** through the mountains.

forbidden

adj. not permitted or allowed by rules or laws

synonym : prohibited, banned, illegal

(1) **forbidden** words, (2) **forbidden** love

Taking photographs inside the museum is **forbidden**.

slightly

adv. in a small degree or extent; a little

synonym : barely, narrowly, scarcely

(1) increase **slightly**, (2) **slightly** alkaline soils

He moved his body **slightly** to the left.

wistful

adj. expressing a feeling of vague, sad, or inconsolable longing

synonym : longing, nostalgic, pensive

(1) in a **wistful** mood, (2) **wistful** feeling

He had a **wistful** look in his eyes as he remembered the past.

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym : cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

destiny

n. the events that will inevitably happen to a particular person or thing in the future

synonym : fate, future, outcome

(1) foreordained **destiny**, (2) **destiny** of the individual

It is said that our **destiny** is written in the stars.

appreciate

v. to value and acknowledge the worth of someone or something; to be grateful for something or someone

synonym : acknowledge, admire, enjoy

(1) **appreciate** her feedback, (2) **appreciate** the value

We would **appreciate** an early reply.

fortunate

adj. having good luck or lucky

synonym : fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person
He was pretty **fortunate** to pass the exam.

survive

v. to live or exist despite a dangerous event or period
synonym: endure, persist, stay

(1) **survive** a blizzard, (2) **survive** a plane crash
These birds can only **survive** in temperate climates.

amazing

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

synonym: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling
The golfer recorded an **amazing** distance.

Session 2: Spelling

1. rec_____ble landmark *adj.* easy to become aware of or identify
2. ig___e her advice *v.* to intentionally not listen or pay attention to
3. co_____te closely in various ways *v.* to work together with one or more people or organizations to achieve a goal
4. pu_____ng questions *adj.* confusing or difficult to understand; mysterious
5. int_____lar space *adj.* relating to or located in the space between stars
6. vertical a__s *n.* a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance
7. his conclusion was ob_____s *adj.* easy to see, discover or understand
8. the fl__e of a match *v.* to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface
9. ter_____al heat *adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air
10. ch_____c theory *adj.* without any order or organization; extremely disorganized, unpredictable, and confusing

ANSWERS: 1. recognizable, 2. ignore, 3. cooperate, 4. puzzling, 5. interstellar, 6. axis, 7. obvious, 8. flare, 9. terrestrial, 10. chaotic

11. crossword pu___e *n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand
12. pl___t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
13. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
14. si_____fy my life *v.* to make something more straightforward, more understandable, or easier to do
15. app_____te her feedback *v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone
16. 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
17. save the pl___t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
18. ce_____te Christmas *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity

ANSWERS: 11. puzzle, 12. planet, 13. structure, 14. simplify, 15. appreciate, 16. communicate, 17. planet, 18. celebrate

19. be___n tumor *adj.* kind and gentle; not harmful or malicious
20. fo_____en words *adj.* not permitted or allowed by rules or laws
21. far_____ed idea *adj.* (of an idea or story) so exaggerated or ludicrous as to be very difficult to believe
22. co__t Halley *n.* a celestial object consisting of a nucleus of ice and dust that goes around the sun
23. eventually pe__r out *v.* to fail or lose power, efficiency, or value gradually before coming to an end
24. it is un_____ly that he would win the game *adj.* not probable or likely to happen
25. mo_____te risk *adj.* being within reasonable limits; not excessive or extreme
26. a desirable ou_____e *n.* the result or effect of an action, event, etc.
27. se___e down in the town *v.* to reach an agreement or disagreement
28. amateur ast_____er *n.* a physicist who studies astronomy
29. a period of ro_____on *n.* the action or process of moving in a circle around an axis or center
30. bre_____ugh in the negotiations *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
31. ab_____ct science *adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence

ANSWERS: 19. benign, 20. forbidden, 21. far-fetched, 22. comet, 23. peter, 24. unlikely, 25. moderate, 26. outcome, 27. settle, 28. astronomer, 29. rotation, 30. breakthrough, 31. abstract

32. im_____nt security measures *v.* to put a decision, plan, or system into effect
33. na_____te the Pacific *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
34. mathematical pu_____e *n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand
35. ad_____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
36. pre_____ng trend *adj.* most frequent, widespread, or currently dominant, usually referring to a particular opinion, attitude, or trend
37. the surface of the co__t *n.* a celestial object consisting of a nucleus of ice and dust that goes around the sun
38. tea sa____r *n.* a small, shallow dish with a slightly raised edge or rim used for holding a cup or as a decorative object; a flying object that is often associated with UFO sightings
39. exploration of co____s *n.* another name for the universe, mainly used when it is thought of as an ordered system
40. the def_____on of a word *n.* a concise explanation of the meaning of a word, phrase, or symbol

ANSWERS: 32. implement, 33. navigate, 34. puzzle, 35. advance, 36. prevailing, 37. comet, 38. saucer, 39. cosmos, 40. definition

41. effects of cl____e change *n.* the weather in a particular location averaged over some long period
42. a ga____y of famous actors *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
43. a good grounding in mat____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
44. fr__k and open discussion *adj.* honest and sincere; open and candid in expression
45. become w__ped *v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
46. se____e a dispute *v.* to reach an agreement of disagreement
47. app____te the value *v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone
48. ho____e environment *adj.* unfriendly or aggressively opposed
49. driving di____ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
50. an op____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
51. s__n a top *v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented

ANSWERS: 41. climate, 42. galaxy, 43. mathematics, 44. frank, 45. warp, 46. settle, 47. appreciate, 48. hostile, 49. distance, 50. opportune, 51. spin

52. int_____tic travel *adj.* existing or occurring between different galaxies (= an independent group of stars)
53. in_____ce the daily life *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
54. origin of the co____s *n.* another name for the universe, mainly used when it is thought of as an ordered system
55. int_____tic matter *adj.* existing or occurring between different galaxies (= an independent group of stars)
56. on the t__t *v.* to incline or bend from a vertical position; (noun) the act of inclining or the state of being inclined or leaning to one side
57. te____r group *n.* intense fear; a state of intense fear or alarm
58. information ba____r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
59. mo____te growth *adj.* being within reasonable limits; not excessive or extreme
60. un____ly event *adj.* not probable or likely to happen
61. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

ANSWERS: 52. intergalactic, 53. influence, 54. cosmos, 55. intergalactic, 56. tilt, 57. terror, 58. barrier, 59. moderate, 60. unlikely, 61. structure

62. m_r the reputation *v.* to damage or spoil the appearance or surface of something
63. quantum wo_____le *n.* a hypothetical tunnel or passage through space and time, permitting quicker travel across vast distances than would normally be possible
64. to a rec_____ble degree *adj.* easy to become aware of or identify
65. s__n thread out of cotton *v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
66. id_____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
67. give si____t consent *adj.* without any or little sound
68. 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
69. sk_____al scientists *adj.* doubting that something is accurate or useful
70. rigid dis_____ne *n.* the practice of training people to obey rules or a code of behavior, using and punishments if these are broken; a region of activity, knowledge, or influence
71. giant oc_____s *n.* a sea creature with a soft round body and eight long tentacles (= long parts like arms)

ANSWERS: 62. mar, 63. wormhole, 64. recognizable, 65. spin, 66. identify, 67. silent, 68. develop, 69. skeptical, 70. discipline, 71. octopus

72. co_____te with one another *v.* to work together with one or more people or organizations to achieve a goal
73. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
74. alien spa_____ft *n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
75. re_____ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
76. de_____y of the individual *n.* the events that will inevitably happen to a particular person or thing in the future
77. low-r_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
78. bre_____ugh discovery *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
79. in__r the possibility *v.* to form an opinion or conclude that something is true based on existing facts
80. ter_____al planets *adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air

ANSWERS: 72. cooperate, 73. molecule, 74. spacecraft, 75. recognize, 76. destiny, 77. rev, 78. breakthrough, 79. infer, 80. terrestrial

81. pr_____e changes *v.* to make a proposal, declare a plan for something
82. re_____te the cell *v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
83. end of the first ep_____e *n.* a happening or story that is distinctive in a series of related events; an abrupt short period during which someone suffers from the effects of a physical or mental illness
84. ext_____ion method *n.* the act of estimating or inferring something based on known information or data, often beyond the range of the available information or data; a projection or projection of trends or patterns into the future
85. sl_____ly alkaline soils *adv.* in a small degree or extent; a little
86. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
87. tec_____cal policy *adj.* based on scientific and industrial progress
88. in__r quality from price *v.* to form an opinion or conclude that something is true based on existing facts
89. job ro_____on *n.* the action or process of moving in a circle around an axis or center
90. di_____s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

ANSWERS: 81. propose, 82. replicate, 83. episode, 84. extrapolation, 85. slightly, 86. incredibly, 87. technological, 88. infer, 89. rotation, 90. discuss

91. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
92. a sop_____ted lifestyle *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
93. animals in ca_____ty in the zoo *n.* the situation in which a person or animal is kept in prison or a space that they cannot escape from
94. field of artificial int_____nce *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
95. fl__e up into a major crisis *v.* to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface
96. laws of ph_____s *n.* the science of matter and energy and their interactions
97. es_____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
98. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
99. obs_____on instrument *n.* the act or activity of carefully examining or monitoring something or someone
100. si_____te climate change *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

ANSWERS: 91. represent, 92. sophisticated, 93. captivity, 94. intelligence, 95. flare, 96. physics, 97. estimate, 98. amazing, 99. observation, 100. simulate

101. Latin gr____r *n.* the set of structural constraints on speakers' or writers' composition of clauses, phrases, and words
102. horseback t__k *n.* a long and difficult journey, typically on foot
103. im_____nt a corporate strategy *v.* to put a decision, plan, or system into effect
104. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
105. break dis_____ne *n.* the practice of training people to obey rules or a code of behavior, using and punishments if these are broken; a region of activity, knowledge, or influence
106. a pl_____le liar *adj.* seeming reasonable or likely to be true, and therefore convincing
107. cr_____re of habit *n.* a living being, especially an animal
108. ho__r around the table *v.* to stay in one place in the air
109. resident al__ns *n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere
110. the ar_____nt against capital punishment *n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
111. cost ba_____r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

ANSWERS: 101. grammar, 102. trek, 103. implement, 104. engineer, 105. discipline, 106. plausible, 107. creature, 108. hover, 109. alien, 110. argument, 111. barrier

112. 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
113. psy_____gy experiment *n.* the scientific study of mind and behavior
114. theory of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
115. spa_____ft launch *n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
116. v__t desert *adj.* enormous in size, number, amount, or quantity
117. ep_____e of vertigo *n.* a happening or story that is distinctive in a series of related events; an abrupt short period during which someone suffers from the effects of a physical or mental illness
118. ex_____et mission *n.* a planet that orbits a star outside of the solar system
119. geo_____al exploration *adj.* relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography
120. d__k space *n.* a flat, circular plate, typically made of metal, glass, or plastic, used for storing data or playing music

ANSWERS: 112. preserve, 113. psychology, 114. universe, 115. spacecraft, 116. vast, 117. episode, 118. exoplanet, 119. geophysical, 120. disk

121. a ge____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
122. a lunar pr__e *n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something
123. a children's w__d *n.* a room in a hospital for patients requiring special care
124. former co____ue *n.* one of a group of a coworker, especially in a profession or a business
125. d__k drive *n.* a flat, circular plate, typically made of metal, glass, or plastic, used for storing data or playing music
126. en____er a storm *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
127. ty____l leader *adj.* having the usual characteristics or traits of a specific group of things
128. in____t a hard blow *v.* to cause harm, injury, or suffering to someone or something
129. a geological e_n *n.* (also aeon) an indefinite long period of time; the longest division of geological time scale
130. a precise def____on *n.* a concise explanation of the meaning of a word, phrase, or symbol
131. good source of essential amino
a__ds *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

ANSWERS: 121. genetic, 122. probe, 123. ward, 124. colleague, 125. disk, 126. encounter, 127. typical, 128. inflict, 129. eon, 130. definition, 131. acid

132. en_____er a crisis *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
133. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
134. ast_____cal observation *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
135. co_____t car *n.* an idea or principle associated with something abstract
136. class obs_____on day *n.* the act or activity of carefully examining or monitoring something or someone
137. a public co_____us *n.* general agreement or accord in the judgment or opinion reached by a group as a whole
138. col_____te on a press release *v.* to work with someone else to produce or achieve something
139. re_____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
140. w__p under pressure *v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
141. 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: 132. encounter, 133. brain, 134. astronomical, 135. concept, 136. observation, 137. consensus, 138. collaborate, 139. recognize, 140. warp, 141. develop

142. si____fy the process *v.* to make something more straightforward, more understandable, or easier to do
143. st_____ty pact *n.* the quality or attribute of being firm and steadfast
144. statistical ext_____ion *n.* the act of estimating or inferring something based on known information or data, often beyond the range of the available information or data; a projection or projection of trends or patterns into the future
145. a cold cl_____e *n.* the weather in a particular location averaged over some long period
146. la____h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
147. 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
148. vi_____e by X-ray *adj.* capable of being seen; or open to easy view
149. psy_____gy of crowd *n.* the scientific study of mind and behavior
150. con_____te a marriage *v.* to think about a possible future action or to think about something for a long time thoughtfully
151. legal co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

ANSWERS: 142. simplify, 143. stability, 144. extrapolation, 145. climate, 146. launch, 147. argue, 148. visible, 149. psychology, 150. contemplate, 151. context

152. cl____t weather *adj.* mild, merciful, or forgiving in temperament or actions; lenient
153. tr____on cubic feet *n.* the number 1,000,000,000,000; a million million
154. co__n examination *n.* the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system
155. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
156. the d_n of the university *n.* a Spanish gentleman; a university lecturer, especially a senior member of a college at Oxford or Cambridge
157. less fo_____te person *adj.* having good luck or lucky
158. educational ill_____ion *n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
159. in st___e condition *adj.* firm and steady; not easily moved, disturbed, or changed
160. pr__e for inside information *n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something

ANSWERS: 152. clement, 153. trillion, 154. colon, 155. determinant, 156. Don, 157. fortunate, 158. illustration, 159. stable, 160. probe

161. mi_____ht snack *n.* the middle point of the night, usually defined as 12:00 AM or the start of a new day
162. wa____r alone in a strange country *v.* to walk around slowly or to a place, often without any clear purpose or direction
163. f_y_____ht snack *v.* to cook food, especially meat or fish, in hot fat or oil
164. a coordinate a__s *n.* a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance
165. ha_____le planet *adj.* able to be lived in, suitable or fit for living in, providing sufficient conditions for survival and well-being
166. es_____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
167. re_____te data *v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
168. ad_____e the technology *v.* to go or move forward; to develop in a positive way
169. am__o compound *n.* compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH₂) that combine to make protein
170. ha_____le space *adj.* able to be lived in, suitable or fit for living in, providing sufficient conditions for survival and well-being

ANSWERS: 161. midnight, 162. wander, 163. fry, 164. axis, 165. habitable, 166. estimate, 167. replicate, 168. advance, 169. amino, 170. habitable

171. co_____e augmented reality *v.* to join or merge to form a single thing or group
172. al__n fungi *n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere
173. f__t from place to place *v.* to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect
174. h__t of trouble *n.* an indirect suggestion; a slight but appreciable amount of something
175. the closest ex_____et to Earth *n.* a planet that orbits a star outside of the solar system
176. time z__e *n.* a specific area, region, or section that is marked off or defined in some way
177. escape from ca_____ty *n.* the situation in which a person or animal is kept in prison or a space that they cannot escape from
178. col_____te with the police *v.* to work with someone else to produce or achieve something
179. pre_____ly accurate *adv.* believed to be true or likely based on the available evidence, or supposed to be the case without definite proof
180. a glare of su_____ht *n.* the light emitted by the sun; the rays of the sun
181. 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

ANSWERS: 171. combine, 172. alien, 173. flit, 174. hint, 175. exoplanet, 176. zone, 177. captivity, 178. collaborate, 179. presumably, 180. sunlight, 181. argue

182. the degree of pu___y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
183. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
184. increase sl_____ly *adv.* in a small degree or extent; a little
185. the early inh_____nts of Europe *n.* a person or an animal that lives in a particular place
186. su_____e beforehand *v.* to think that something is likely to be actual or possible
187. id_____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
188. co_____de that he is healthy *v.* to come to an end or close; to reach a judgment or opinion by reasoning
189. an unexpected si__t *n.* the ability to see; anything that is seen
190. eat or_____c food *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
191. co_____e chemically with another substance *v.* to join or merge to form a single thing or group
192. over the e_ns *n.* (also aeon) an indefinite long period of time; the longest division of geological time scale
193. 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

ANSWERS: 182. purity, 183. genetic, 184. slightly, 185. inhabitant, 186. suppose, 187. identify, 188. conclude, 189. sight, 190. organic, 191. combine, 192. eon, 193. extraterrestrial

194. D_n Giovanni *n.* a Spanish gentleman; a university lecturer, especially a senior member of a college at Oxford or Cambridge
195. su_____e you're right *v.* to think that something is likely to be actual or possible
196. vi_____e stars *adj.* capable of being seen; or open to easy view
197. co_____de a meeting *v.* to come to an end or close; to reach a judgment or opinion by reasoning
198. mul_____lar tissues *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
199. ill_____ion artist *n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
200. f_y an egg *v.* to cook food, especially meat or fish, in hot fat or oil
201. a blazing ar_____nt *n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
202. human ev_____on *n.* a gradual process of transformation of living things
203. si____t reading *adj.* without any or little sound
204. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
205. expansion of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

ANSWERS: 194. Don, 195. suppose, 196. visible, 197. conclude, 198. multicellular, 199. illustration, 200. fry, 201. argument, 202. evolution, 203. silent, 204. complexity, 205. universe

206. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
207. mis_____ret the data *v.* to understand or explain something in the wrong way
208. historical co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
209. wa____r far from home *v.* to walk around slowly or to a place, often without any clear purpose or direction
210. nuclear ph_____s *n.* the science of matter and energy and their interactions
211. m_r a proper relationship *v.* to damage or spoil the appearance or surface of something
212. ca_____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
213. or_____c soils *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
214. z__e defense *n.* a specific area, region, or section that is marked off or defined in some way
215. en___e in environmental protection activities *v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
216. no do__t about the news *n.* a feeling of being uncertain about something, especially about how good or accurate it is

ANSWERS: 206. complexity, 207. misinterpret, 208. context, 209. wander, 210. physics, 211. mar, 212. capture, 213. organic, 214. zone, 215. engage, 216. doubt

217. flying sa____r *n.* a small, shallow dish with a slightly raised edge or rim used for holding a cup or as a decorative object; a flying object that is often associated with UFO sightings
218. 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
219. the fr__e of the policy *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
220. an ab____ct noun *adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence
221. helpful h__ts *n.* an indirect suggestion; a slight but appreciable amount of something
222. ca____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
223. notable in____ce *n.* a particular example or single occurrence of something
224. ce____te his election *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
225. an a__d reaction *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

ANSWERS: 217. saucer, 218. preserve, 219. frame, 220. abstract, 221. hint, 222. capture, 223. instance, 224. celebrate, 225. acid

226. high pu___y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
227. small mo_____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
228. a sk_____al attitude *adj.* doubting that something is accurate or useful
229. in_____t a heavier tax *v.* to cause harm, injury, or suffering to someone or something
230. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
231. ho__r between life and death *v.* to stay in one place in the air
232. fea_____ss interior *adj.* lacking distinctive qualities, characteristics, or features; plain, unremarkable, or nondescript
233. in a wi_____l mood *adj.* expressing a feeling of vague, sad, or inconsolable longing
234. far_____ed expressions *adj.* (of an idea or story) so exaggerated or ludicrous as to be very difficult to believe
235. ig___e a ban *v.* to intentionally not listen or pay attention to
236. si_____te a future scenario *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

ANSWERS: 226. purity, 227. molecule, 228. skeptical, 229. inflict, 230. determinant, 231. hover, 232. featureless, 233. wistful, 234. far-fetched, 235. ignore, 236. simulate

237. pre_____ng wind *adj.* most frequent, widespread, or currently dominant, usually referring to a particular opinion, attitude, or trend
238. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
239. hazardous li___d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
240. tec_____cal advancement *adj.* based on scientific and industrial progress
241. cl_____t response *adj.* mild, merciful, or forgiving in temperament or actions; lenient
242. geo_____al data *adj.* relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography
243. com_____te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
244. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill
245. secret ing_____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
246. a be___n smile *adj.* kind and gentle; not harmful or malicious
247. in_____ce a child's future *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself

ANSWERS: 237. prevailing, 238. brain, 239. liquid, 240. technological, 241. clement, 242. geophysical, 243. communicate, 244. technique, 245. ingredient, 246. benign, 247. influence

248. learn new co_____ts *n.* an idea or principle associated with something abstract
249. fiscal st_____ty pact *n.* the quality or attribute of being firm and steadfast
250. the co__n at the end of the sentence *n.* the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system
251. mi_____ht shift *n.* the middle point of the night, usually defined as 12:00 AM or the start of a new day
252. an icy bl__t *n.* explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
253. second co___c velocity *adj.* relating to the universe or cosmos; vast or limitless
254. inh_____nt tax *n.* a person or an animal that lives in a particular place
255. fea_____ss landscape *adj.* lacking distinctive qualities, characteristics, or features; plain, unremarkable, or nondescript
256. the te_____ue applied to construction *n.* a particular way or art of doing something that needs skill
257. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
258. r_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

ANSWERS: 248. concept, 249. stability, 250. colon, 251. midnight, 252. blast, 253. cosmic, 254. inhabitant, 255. featureless, 256. technique, 257. incredibly, 258. rev

259. t__k expedition *n.* a long and difficult journey, typically on foot
260. am__o acid *n.* compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH₂) that combine to make protein
261. fairly ty____l symptoms *adj.* having the usual characteristics or traits of a specific group of things
262. traversable wo____le *n.* a hypothetical tunnel or passage through space and time, permitting quicker travel across vast distances than would normally be possible
263. f__t away into the darkness *v.* to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect
264. foreordained de____y *n.* the events that will inevitably happen to a particular person or thing in the future
265. ev____on theory *n.* a gradual process of transformation of living things
266. wi____l feeling *adj.* expressing a feeling of vague, sad, or inconsolable longing
267. social di____ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
268. venomous oc____s *n.* a sea creature with a soft round body and eight long tentacles (= long parts like arms)

ANSWERS: 259. trek, 260. amino, 261. typical, 262. wormhole, 263. flit, 264. destiny, 265. evolution, 266. wistful, 267. distance, 268. octopus

269. ob____s reasons *adj.* easy to see, discover or understand
270. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
271. co_____us among scientists *n.* general agreement or accord in the judgment or opinion reached by a group as a whole
272. in direct su_____ht *n.* the light emitted by the sun; the rays of the sun
273. t__t a chair *v.* to incline or bend from a vertical position; (noun) the act of inclining or the state of being inclined or leaning to one side
274. ast_____cal numbers *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
275. co_____m the diagnosis *v.* to support or establish the truth or certainty of something previously believed or suspected to be the case
276. ra__n feather *n.* a large, glossy black bird that is a species of a crow; a person with jet-black hair, sometimes used as an adjective to describe such hair
277. su_____e a plane crash *v.* to live or exist despite a dangerous event or period
278. dispel do__ts *n.* a feeling of being uncertain about something, especially about how good or accurate it is
279. ra__n in flight *n.* a large, glossy black bird that is a species of a crow; a person with jet-black hair, sometimes used as an adjective to describe such hair

ANSWERS: 269. obvious, 270. colleague, 271. consensus, 272. sunlight, 273. tilt, 274. astronomical, 275. confirm, 276. raven, 277. survive, 278. doubt, 279. raven

280. pe___t application *v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
281. pre_____ly refuse the offer *adv.* believed to be true or likely based on the available evidence, or supposed to be the case without definite proof
282. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
283. for in_____ce *n.* a particular example or single occurrence of something
284. di_____er recovery *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
285. colorless li___d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
286. en___e a new employee *v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
287. v__t majority *adj.* enormous in size, number, amount, or quantity
288. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
289. pl_____le explanation *adj.* seeming reasonable or likely to be true, and therefore convincing
290. artificial cr_____re *n.* a living being, especially an animal

ANSWERS: 280. permit, 281. presumably, 282. represent, 283. instance, 284. disaster, 285. liquid, 286. engage, 287. vast, 288. engineer, 289. plausible, 290. creature

291. dull si__t	<i>n.</i>	the ability to see; anything that is seen
292. opp_____on campaign	<i>n.</i>	the act of disagreeing or resisting; the state of strong disagreement
293. global di_____er	<i>n.</i>	an unexpected event or series of events that cause widespread damage, destruction, or loss of life
294. gr_____r checker	<i>n.</i>	the set of structural constraints on speakers' or writers' composition of clauses, phrases, and words
295. co_____m a transaction	<i>v.</i>	to support or establish the truth or certainty of something previously believed or suspected to be the case
296. the ch_____c economic situation	<i>adj.</i>	without any order or organization; extremely disorganized, unpredictable, and confusing
297. co_____ze planets	<i>v.</i>	to establish a colony in or on a specific place; to settle or occupy in large numbers
298. su_____e a blizzard	<i>v.</i>	to live or exist despite a dangerous event or period
299. pu_____ng behavior	<i>adj.</i>	confusing or difficult to understand; mysterious
300. solar ast_____er	<i>n.</i>	a physicist who studies astronomy
301. mat_____cs competition	<i>n.</i>	the science dealing with the logic of quantities, shapes, spaces, and arrangement
302. ext_____ial intelligence	<i>adj.</i>	relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth

ANSWERS: 291. sight, 292. opposition, 293. disaster, 294. grammar, 295. confirm, 296. chaotic, 297. colonize, 298. survive, 299. puzzling, 300. astronomer, 301. mathematics, 302. extraterrestrial

303. la___h a big attack *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
304. int_____lar communication *adj.* relating to or located in the space between stars
305. co___c background radiation *adj.* relating to the universe or cosmos; vast or limitless
306. elliptic ga___y *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
307. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
308. di_____s solutions *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
309. take up a ho_____e attitude *adj.* unfriendly or aggressively opposed
310. co_____ze for cultivation *v.* to establish a colony in or on a specific place; to settle or occupy in large numbers
311. mis_____ret the purpose *v.* to understand or explain something in the wrong way
312. a bl__t of wind *n.* explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
313. fo_____en love *adj.* not permitted or allowed by rules or laws

ANSWERS: 303. launch, 304. interstellar, 305. cosmic, 306. galaxy, 307. opportune, 308. discuss, 309. hostile, 310. colonize, 311. misinterpret, 312. blast, 313. forbidden

314. an int_____nce test *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
315. fo_____te situation *adj.* having good luck or lucky
316. con_____ted leaving school *v.* to think about a possible future action or to think about something for a long time thoughtfully
317. have a st___e job *adj.* firm and steady; not easily moved, disturbed, or changed
318. pr_____e the amendment *v.* to make a proposal, declare a plan for something
319. mul_____lar life *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
320. te___r attack *n.* intense fear; a state of intense fear or alarm
321. na_____te through a document *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
322. improved student ou_____es *n.* the result or effect of an action, event, etc.
323. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
324. make a fr__k apology *adj.* honest and sincere; open and candid in expression
325. begin to pe__r out *v.* to fail or lose power, efficiency, or value gradually before coming to an end
326. meet with opp_____on *n.* the act of disagreeing or resisting; the state of strong disagreement

ANSWERS: 314. intelligence, 315. fortunate, 316. contemplate, 317. stable, 318. propose, 319. multicellular, 320. terror, 321. navigate, 322. outcome, 323. amazing, 324. frank, 325. peter, 326. opposition

Session 3: Fill in the Blanks

1. The bomb blast spread _____ among the people.
n. intense fear; a state of intense fear or alarm
2. Please write to _____ your reservation.
v. to support or establish the truth or certainty of something previously believed or suspected to be the case
3. Animal desire and preference are always _____ from their behavior.
v. to form an opinion or conclude that something is true based on existing facts
4. The detective found the clues _____ and couldn't solve the case immediately.
adj. confusing or difficult to understand; mysterious
5. The sponge takes up the _____ well.
n. a substance, such as water or oil that flows freely and is neither a solid nor a gas
6. She sipped her tea from a delicate _____.
n. a small, shallow dish with a slightly raised edge or rim used for holding a cup or as a decorative object; a flying object that is often associated with UFO sightings
7. I want to _____ a toast in honor of our longstanding relationship.
v. to make a proposal, declare a plan for something
8. Full involvement means _____ and prompt responses.
adj. honest and sincere; open and candid in expression

ANSWERS: 1. terror, 2. confirm, 3. inferred, 4. puzzling, 5. liquid, 6. saucer, 7. propose, 8. frank

9. _____ organisms are composed of many specialized cells working together.
adj. characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
10. It's important to understand the _____ of a situation before making a decision.
n. the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
11. The witness's testimony was _____ based on what he had seen and heard.
adv. believed to be true or likely based on the available evidence, or supposed to be the case without definite proof
12. 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
13. I stayed up until _____ watching my favorite movie.
n. the middle point of the night, usually defined as 12:00 AM or the start of a new day
14. She could find no _____ explanation for its failure.
adj. seeming reasonable or likely to be true, and therefore convincing
15. There was no _____ of a problem.
n. an indirect suggestion; a slight but appreciable amount of something
16. Mastering _____ takes a lot of time for those learning a foreign language.
n. the set of structural constraints on speakers' or writers' composition of clauses, phrases, and words

ANSWERS: 9. Multicellular, 10. context, 11. presumably, 12. genetic, 13. midnight, 14. plausible, 15. hint, 16. grammar

17. The phone rang at the most _____ time.

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

18. The deep sea _____ was unlike anything the scientists had ever seen before.

n. a living being, especially an animal

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

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

20. Many multinational companies are _____ in the reconstruction of that country.

v. to attract and keep someone's attention and interest; to participate in or obtain services of something

21. He had a _____ understanding of the topic but needed further research.

adj. being within reasonable limits; not excessive or extreme

22. _____ advances have disrupted many industries.

adj. based on scientific and industrial progress

23. She had a master's degree in _____.

n. the scientific study of mind and behavior

24. Parallel lines are, by _____ lines on the same plane that never cross.

n. a concise explanation of the meaning of a word, phrase, or symbol

25. The _____ medium comprises gas, dust, and cosmic rays that fill the space between stars.

adj. relating to or located in the space between stars

ANSWERS: 17. opportune, 18. creature, 19. collaborate, 20. engaged, 21. moderate, 22. Technological, 23. psychology, 24. definition, 25. interstellar

26. One _____ of success is having a positive attitude and a strong work ethic.
n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
27. His religious and philosophical beliefs were utterly _____.
adj. doubting that something is accurate or useful
28. Greed is the primary _____ in the making of criminals.
n. one of the things used to make something, especially one of the foods used to make a particular dish
29. The passage of the bill is _____.
adj. not probable or likely to happen
30. The lump was discovered to be _____ and no further treatment was needed.
adj. kind and gentle; not harmful or malicious
31. The _____ bright tail could be seen in the night sky.
n. a celestial object consisting of a nucleus of ice and dust that goes around the sun
32. The astronauts discovered a potentially _____ planet in the neighboring galaxy.
adj. able to be lived in, suitable or fit for living in, providing sufficient conditions for survival and well-being
33. _____ surveys study the physical characteristics of the Earth's surface and subsurface.
adj. relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography

ANSWERS: 26. determinant, 27. skeptical, 28. ingredient, 29. unlikely, 30. benign, 31. comet's, 32. habitable, 33. Geophysical

34. The two parties have reached a _____.
- n.* general agreement or accord in the judgment or opinion reached by a group as a whole
35. _____ is the start, not the end, of intelligence.
- n.* a feeling of being uncertain about something, especially about how good or accurate it is
36. The _____ of the Earth causes day and night.
- n.* the action or process of moving in a circle around an axis or center
37. One light year is nearly 6 _____ miles.
- n.* the number 1,000,000,000,000; a million million
38. A _____ audience viewed the broadcast.
- adj.* enormous in size, number, amount, or quantity
39. I decided to seek counseling on the advice of my _____.
- n.* one of a group of a coworker, especially in a profession or a business
40. He _____ her statement and got the wrong idea.
- v.* to understand or explain something in the wrong way
41. His family is the oldest _____ of the island.
- n.* a person or an animal that lives in a particular place
42. The team had to _____ to complete the project on time.
- v.* to work together with one or more people or organizations to achieve a goal

ANSWERS: 34. consensus, 35. Doubt, 36. rotation, 37. trillion, 38. vast, 39. colleague, 40. misinterpreted, 41. inhabitant, 42. cooperate

43. The former emperor had a particular _____ even after he abdicated.
n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself
44. He could never go against what ____ Carlos said.
n. a Spanish gentleman; a university lecturer, especially a senior member of a college at Oxford or Cambridge
45. He stepped on the gas pedal, and the engine released a loud ____.
n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
46. The government promised to _____ a new system to control the financial crisis.
v. to put a decision, plan, or system into effect
47. He was reluctant to leave his comfort _____ and try something new.
n. a specific area, region, or section that is marked off or defined in some way
48. He experienced nausea after eating live _____.
n. a sea creature with a soft round body and eight long tentacles (= long parts like arms)
49. I recently _____ dropping out of school and getting a full-time job.
v. to think about a possible future action or to think about something for a long time thoughtfully
50. The _____ opinion was that the project would be a success.
adj. most frequent, widespread, or currently dominant, usually referring to a particular opinion, attitude, or trend

ANSWERS: 43. influence, 44. Don, 45. rev, 46. implement, 47. zone, 48. octopus, 49. contemplated, 50. prevailing

51. Pandas rarely breed in _____.

- n.* the situation in which a person or animal is kept in prison or a space that they cannot escape from

52. What do you _____ the culprit's motive was?

- v.* to think that something is likely to be actual or possible

53. We need to _____ the next steps for the project during our meeting tomorrow.

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

54. Higher _____ requires additional equipment and energy.

- n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature

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

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

56. The organizational _____ of start-ups is often flat and straightforward.

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

57. The cost of the new equipment was _____ and beyond the company's budget.

- adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude

58. The _____ is about 13.8 billion years old.

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

ANSWERS: 51. captivity, 52. suppose, 53. discuss, 54. purity, 55. recognize, 56. structure, 57. astronomical, 58. universe

59. 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
60. The scratches on the car _____ its otherwise perfect appearance.
v. to damage or spoil the appearance or surface of something
61. The _____ Kepler-186f is located 500 light-years from Earth and is believed to be habitable.
n. a planet that orbits a star outside of the solar system
62. In terms of _____ he was head and shoulders above his classmates.
n. the ability to learn, comprehend, or make judgments or conclusions based on reasons
63. His car was easily _____ in the parking lot.
adj. easy to become aware of or identify
64. I was able to _____ the moment on film.
v. to catch a person or an animal and confine them in an area which they cannot escape
65. 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
66. He studied the _____ of radiation.
n. the science of matter and energy and their interactions

ANSWERS: 59. encounter, 60. marred, 61. exoplanet, 62. intelligence, 63. recognizable, 64. capture, 65. preserve, 66. physics

67. The theory of _____ suggests they would create a shortcut between two points in space-time.
- n.* a hypothetical tunnel or passage through space and time, permitting quicker travel across vast distances than would normally be possible
68. The Milky Way _____ has numerous water-bearing planets.
- n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
69. He was preparing for a long _____ through the mountains.
- n.* a long and difficult journey, typically on foot
70. The golfer recorded an _____ distance.
- adj.* extremely surprising, especially in a way that you like or admire
71. NASA sent a _____ to study the atmosphere of Jupiter.
- n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something
72. _____ rays are high-energy particles that originate from outside the solar system.
- adj.* relating to the universe or cosmos; vast or limitless
73. The kidney is an _____ component of the body.
- adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
74. The butterfly would _____ from flower to flower, collecting nectar.
- v.* to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect

ANSWERS: 67. wormholes, 68. galaxy, 69. trek, 70. amazing, 71. probe, 72. Cosmic, 73. organic, 74. flit

75. I heard that fairy tale _____ ago.

- n.* (also aeon) an indefinite long period of time; the longest division of geological time scale

76. We _____ a cease-fire.

- v.* to come to an end or close; to reach a judgment or opinion by reasoning

77. 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

78. Jockey's superior _____ brought him victory.

- n.* a particular way or art of doing something that needs skill

79. This question has fascinated solar _____ for decades.

- n.* a physicist who studies astronomy

80. The patient was moved to the intensive care _____ for further treatment.

- n.* a room in a hospital for patients requiring special care

81. The _____ distinctive croaking call echoed through the forest.

- n.* a large, glossy black bird that is a species of a crow; a person with jet-black hair, sometimes used as an adjective to describe such hair

82. The policy should increase the country's monetary _____.

- n.* the quality or attribute of being firm and steadfast

83. 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

ANSWERS: 75. eons, 76. concluded, 77. disk, 78. technique, 79. astronomers, 80. ward, 81. raven's, 82. stability, 83. complexity

84. The _____ will repair my telephone tomorrow morning.
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
85. In the hospital, she will remain under constant _____.
n. the act or activity of carefully examining or monitoring something or someone
86. Consumption of vegetables may aid in the prevention of _____ cancer.
n. the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system
87. The politician remained _____ despite intense media scrutiny.
adj. without any or little sound
88. He has a flair for _____.
n. the science dealing with the logic of quantities, shapes, spaces, and arrangement
89. Supercomputers enable scientists to create computational models of the _____.
n. another name for the universe, mainly used when it is thought of as an ordered system
90. There are _____ differences between the two wine-producing regions.
adj. easy to see, discover or understand
91. Several cities are experiencing _____ high unemployment rates.
adv. in a way that is very difficult to believe; exceedingly or extremely

ANSWERS: 84. engineer, 85. observation, 86. colon, 87. silent, 88. mathematics, 89. cosmos, 90. obvious, 91. incredibly

92. The wall was _____ with no patterns or designs to break up its dullness.
adj. lacking distinctive qualities, characteristics, or features; plain, unremarkable, or nondescript
93. 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
94. The marathon runner covered a long _____ in a short amount of time.
n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
95. The police placed a _____ across the street to halt traffic.
n. a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
96. She _____ her head to the side, indicating she was listening.
v. to incline or bend from a vertical position; (noun) the act of inclining or the state of being inclined or leaning to one side
97. Many famous _____ are within walking distance.
n. the ability to see; anything that is seen
98. European powers _____ much of the Americas in the 16th and 17th centuries.
v. to establish a colony in or on a specific place; to settle or occupy in large numbers

ANSWERS: 92. featureless, 93. spacecraft, 94. distance, 95. barrier, 96. tilted, 97. sights, 98. colonized

99. I often _____ around the park for half an hour.

v. to walk around slowly or to a place, often without any clear purpose or direction

100. These articles cite five _____ of climate change.

n. a particular example or single occurrence of something

101. Hydrogen and oxygen _____ to form water.

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

102. One such rapidly growing _____ is quantum cryptography.

n. an idea or principle associated with something abstract

103. The ship's hull was _____ from years of use in rough seas.

v. to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something

104. I want to put that _____ of my life behind me.

n. a happening or story that is distinctive in a series of related events; an abrupt short period during which someone suffers from the effects of a physical or mental illness

105. 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

106. _____ species have drastically altered the ecosystem in this area.

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

ANSWERS: 99. wander, 100. instances, 101. combine, 102. concept, 103. warped, 104. episode, 105. represent, 106. Alien

107. He had a _____ look in his eyes as he remembered the past.

adj. expressing a feeling of vague, sad, or inconsolable longing

108. The _____ takeover of the company was met with resistance from the employees.

adj. unfriendly or aggressively opposed

109. A technique called deep learning has led to _____ in AI.

n. a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

110. Please _____ your explanation for the children.

v. to make something more straightforward, more understandable, or easier to do

111. These birds can only _____ in temperate climates.

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

112. They awaited news of the _____ of the election.

n. the result or effect of an action, event, etc.

113. He moved his body _____ to the left.

adv. in a small degree or extent; a little

114. Marketing strategies are growing more _____.

adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

115. My home is easily _____ from the shore.

adj. capable of being seen; or open to easy view

ANSWERS: 107. wistful, 108. hostile, 109. breakthroughs, 110. simplify, 111. survive, 112. outcome, 113. slightly, 114. sophisticated, 115. visible

116. He quickly learned the military _____.

n. the practice of training people to obey rules or a code of behavior, using and punishments if these are broken; a region of activity, knowledge, or influence

117. _____ longitude is measured in degrees east or west of the Prime Meridian.

adj. of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air

118. 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

119. We _____ the season's total trade deficit at \$50 billion.

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

120. I don't want to _____ for second best.

v. to reach an agreement of disagreement

121. Though his plan sounded _____ at first, he realized it anyway.

adj. (of an idea or story) so exaggerated or ludicrous as to be very difficult to believe

122. Relations between the two countries have been relatively _____ due to the summit meeting.

adj. firm and steady; not easily moved, disturbed, or changed

123. The _____ spaceship traveled to distant planets.

adj. existing or occurring between different galaxies (= an independent group of stars)

ANSWERS: 116. discipline, 117. Terrestrial, 118. argue, 119. estimated, 120. settle, 121. far-fetched, 122. stable, 123. intergalactic

124. He was pretty _____ to pass the exam.

adj. having good luck or lucky

125. He had painted the wood to _____ stone.

v. to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

126. We would _____ an early reply.

v. to value and acknowledge the worth of someone or something; to be grateful for something or someone

127. Change is also occurring in Turkey as a result of _____ reform.

adj. without any order or organization; extremely disorganized, unpredictable, and confusing

128. 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

129. The teacher will not _____ any students to leave the classroom early.

v. to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization

130. Mercury is the closest _____ to the sun.

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

131. Taking photographs inside the museum is _____.

adj. not permitted or allowed by rules or laws

ANSWERS: 124. fortunate, 125. simulate, 126. appreciate, 127. chaotic, 128. navigate, 129. permit, 130. planet, 131. forbidden

132. I will introduce you to how to _____ the leading causes of the malfunction.
v. to recognize someone or something and say or prove who or what they are
133. The earth's _____ of rotation is tilted 66.5 degrees to the ecliptic plane.
n. a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance
134. This company was granted a patent for its _____ resin manufacturing process.
n. compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH₂) that combine to make protein
135. Since independence, the area has been completely _____.
v. to intentionally not listen or pay attention to
136. They study the _____ of the universe.
n. a gradual process of transformation of living things
137. 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
138. The invention of the camera triggered the development of _____ painting.
adj. based on general ideas, feelings, or qualities and not on any a physical or concrete existence
139. The _____ shattered the laboratory equipment.
n. explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise

ANSWERS: 132. identify, 133. axis, 134. amino, 135. ignored, 136. evolution, 137. communicate, 138. abstract, 139. blast

140. The _____ in the book helped me understand the concept better.
- n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
141. The Sun _____ and caused a sudden brightening in the sky.
- v.* to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface
142. The _____ response team worked around the clock to aid those affected by the earthquake.
- n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
143. He _____ the 10th anniversary of his tenure.
- v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
144. The experiment was _____ several times to ensure accuracy.
- v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
145. The detective looked for fingerprints on the window _____.
- n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
146. The tornado is _____ across the countryside, destroying everything in its path.
- v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented

ANSWERS: 140. illustration, 141. flared, 142. disaster, 143. celebrated, 144. replicated, 145. frame, 146. spinning

147. During pregnancy, the stomach generates less _____ than usual.
n. sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
148. The storm _____ significant damage on the town.
v. to cause harm, injury, or suffering to someone or something
149. The company is set to _____ its new product line next month.
v. to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
150. It is said that our _____ is written in the stars.
n. the events that will inevitably happen to a particular person or thing in the future
151. She devoted herself to _____ the chicken in a pan until it was crispy and golden brown.
v. to cook food, especially meat or fish, in hot fat or oil
152. This artwork is _____ of her work.
adj. having the usual characteristics or traits of a specific group of things
153. The shape of the DNA _____ is a double helix.
n. a group of two or more atoms held together by attractive forces known as chemical bonds
154. 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

ANSWERS: 147. acid, 148. inflicted, 149. launch, 150. destiny, 151. frying, 152. typical, 153. molecule, 154. extraterrestrial

155. Two birds were _____ overhead.

v. to stay in one place in the air

156. The _____ party strongly disagreed with the government's proposed legislation.

n. the act of disagreeing or resisting; the state of strong disagreement

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

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

158. The _____ error led to inaccuracies in the economic forecasting model.

n. the act of estimating or inferring something based on known information or data, often beyond the range of the available information or data; a projection or projection of trends or patterns into the future

159. This jigsaw _____ is challenging because there are no pictures.

n. a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand

160. The _____ between the two sides over the proposed policy was heated.

n. a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute

161. The teacher's _____ demeanor helped ease the students' nerves before the exam.

adj. mild, merciful, or forgiving in temperament or actions; lenient

162. Radiation from _____ has a different wavelength.

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

ANSWERS: 155. hovering, 156. opposition, 157. advance, 158. extrapolation, 159. puzzle, 160. argument, 161. clement, 162. sunlight

163. The music just _____ out.

- v.* to fail or lose power, efficiency, or value gradually before coming to an end

164. 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

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

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

166. X-rays revealed a small tumor in his _____.

- n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

ANSWERS: 163. petered, 164. develop, 165. Climate, 166. brain