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Vocabulary Builder Reference from...

Phil Plait: How to defend Earth from asteroids | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

dinosaur

n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

synonym : reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil

The discovery of a new **dinosaur** species made headlines in the scientific community.

chunk

n. a thick and solid mass or piece of something

synonym : block, lump, piece

(1) a **chunk** of money, (2) a tiny **chunk** of meat

The new start-up company carved out a large **chunk** of the market within a year.

rifle

n. a long-barreled firearm designed to be fired from the shoulder, typically with a rifled bore for accuracy

synonym : gun, firearm, weapon

(1) **rifle** barrel, (2) hunting **rifle**

The police discovered a **rifle** case in the suspect's car during their investigation.

bullet

n. a metal projectile that is shot from a gun

synonym : projectile, slug, shot

(1) **bullet** wound, (2) **bullet** train

The stray **bullet** went through the window and hit the wall.

slam

v. to shut a door or window noisily; to strike something violently or noisily

synonym : bang, crash, shut

(1) **slam** the door, (2) **slam** the book against a wall

She **slammed** the door shut, angry at the person on the other side.

release

v. to set free or allow to escape from confinement

synonym : free, let go, discharge

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

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

numb

adj. unable to feel physical sensation and movement; not showing human feeling or sensitivity

synonym : dazed, insensitive, emotionless

(1) **numb** with cold, (2) a **numb** mind

My left arm became **numb**.

nuclear

adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

synonym : atomic

(1) **nuclear** fusion, (2) use of **nuclear** power

Many countries have now agreed to a treaty banning the use of **nuclear** weapons.

lump

n. a small, irregularly shaped mass or piece, typically of a soft substance such as coal, flour, or dough

synonym : mass, clump, ball

(1) **lump** in the throat, (2) single **lump** sum

There is a small **lump** on my neck, and I'm concerned about it.

boulder

n. a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion

synonym : rock, stone, clump

(1) **boulder** field, (2) lava **boulder**

The hikers had to climb over a **boulder** that was blocking their path.

peak

n. the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain

synonym : summit, vertex, apex

(1) at **peak** hour, (2) the **peak** current in the circuit

This measurement aims to reduce traffic at **peak** periods.

scoop

n. a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else

synonym : ladle, spoon, dipper

(1) a **scoop** of ice cream, (2) **scoop** of news

The company's marketing team worked hard to get the **scoop** on what their target audience wanted.

crater

n. a huge bowl-shaped cavity in the earth or an object in space, usually created by an explosion or the impact of a meteorite

synonym : cavity, hole, pit

(1) **crater** lake, (2) lunar **crater**

An enormous **crater** marks the area where the vast volcanic explosion occurred.

gulf

n. a large ocean inlet or deep bay that is partially enclosed by land

synonym : chasm, divide, abyss

(1) **gulf** war, (2) **gulf** stream

The **Gulf** of Mexico is a body of water in the southern United States.

peninsula

n. a long piece of land that is almost surrounded by water but is linked to a larger part of the land

synonym : cape, foreland

(1) the tip of the **peninsula**, (2) the Arab **peninsula**

That **peninsula** was an essential base for the country's defense.

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.

enormous

adj. extremely large or great

synonym : huge, giant, gigantic

(1) **enormous** amount, (2) **enormous** potential

Shakespeare's output of poetry was **enormous**.

excavate

v. to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something

synonym : dig, unearth, extract

(1) **excavate** a deep hole, (2) **excavate** soil

The archaeologists **excavated** the ruins of an ancient city buried under the desert sands.

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.

splash

v. to cause liquid to scatter in irregular drops, especially with force

synonym : scatter, dash, gurgle

(1) **splash** water, (2) **splash** everywhere

The mountain was **splashed** with snow.

globe

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

synonym : Earth, world, sphere

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

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

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.

wipe

v. to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid

synonym : clean, brush, swab

(1) **Wipe** off dirt, (2) **wipe** with water

Please **wipe** your sweat with this towel.

asteroid

n. a small rocky body orbiting the sun, typically in the region between Mars and Jupiter

synonym : minor planet, planetoid, rocky planetesimal

(1) **asteroid** mining, (2) **asteroid** explorer

Scientists are studying the composition and origins of the **asteroid** belt to understand the early solar system better.

statistics

n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

(1) **statistics** for cancer, (2) official **statistics**

The **statistics** demonstrate that poverty and unemployment are genuine problems.

jersey

n. a knitted garment typically made of wool or cotton, worn as a shirt or pullover

synonym : shirt, sweater, top

(1) **jersey** material, (2) fabric of the **jersey**

I always wear my favorite basketball player's **jersey** to the games.

damage

v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

synonym : harm, impair, injure

(1) **damage** a relationship, (2) **damage** assessment

During the surgery, the doctor had to be extremely cautious not to **damage** a blood vessel.

atmospheric

adj. about or located in the earth's atmosphere

synonym : atmospherical, climatic

(1) doubling of **atmospheric** carbon dioxide,

(2) **atmospheric** pressure

The sea surface temperature and **atmospheric** circulation are inextricably linked.

crumble

v. to break or fall apart into small pieces or fragments, especially due to age, decay, or lack of support

synonym : disintegrate, collapse, deteriorate

(1) **crumble** to dust, (2) began to **crumble** under financial pressure

The old building was starting to **crumble** due to years of neglect and lack of maintenance.

median

n. the value separating the higher half from the lower half of a set of values arranged in order of size

synonym : middle, center

(1) **median** age at diagnosis, (2) a **median** strip

Median annual income fell last year in this country.

gigantic

adj. extremely large

synonym : huge, enormous, immense

(1) **gigantic** proportions, (2) **gigantic** monsters
He was so hungry from the long journey that he had a **gigantic** appetite.

desert

n. arid land with little or no vegetation often covered with sand or rocks

(1) **desert** basin, (2) oasis in the **desert**

This region is predominantly **desert**.

icon

n. a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file

synonym: figure, hero, idol

(1) **icon** for young people, (2) television **icon**

Some comic book characters are considered gay **icons**.

meteor

n. (commonly known as a shooting star) a small celestial body or particle that enters the Earth's atmosphere, often producing a bright streak of light as it burns up due to friction with the atmosphere

synonym: meteoroid, shooting star, comet

(1) **meteor** shower, (2) **meteor** impact

A bright **meteor** streaked across the night sky, captivating everyone who observed it.

recreational

adj. relating to or for leisure or pleasure; done for enjoyment rather than work or duty

synonym: leisure, fun, entertaining

(1) a **recreational** center, (2) **recreational** drugs

I enjoy **recreational** activities such as hiking and swimming.

roughly

adv. approximately but not precisely; with a violent manner

synonym: approximately, more or less, around

(1) **roughly** explain my idea, (2) **roughly** speaking

Five miles is **roughly** similar to eight kilometers.

auditorium

n. a room or building used for concerts, plays, or other public performances

synonym: hall, theater, amphitheater

(1) open-air **auditorium**, (2) **auditorium** annex

The **auditorium** seating was filled with people waiting for the concert to begin.

tremendous

adj. very great in degree or extent or amount or impact; extremely good

synonym: enormous, giant, immense

(1) **tremendous** amount, (2) **tremendous** popularity

We had a **tremendous** time yesterday.

explode

v. to burst or break open violently and noisily; to cause something to burst or break open

synonym: detonate, blast, rupture

(1) **explode** in anger, (2) **explode** in popularity

The old building **exploded** in a fiery inferno.

bomb

n. a weapon that explodes and is used to kill or injure people or to cause damage to something

synonym: missile, explosive, ammunition

(1) atomic **bombs**, (2) disarm the **bomb**

The use of cluster **bombs** is strictly prohibited by international law.

hefty

adj. large, bulky, and heavy; impressively large, substantial, or powerful; large in amount, extent, or significance

synonym: weighty, substantial, sizeable

(1) **hefty** price, (2) **hefty** breakfast

The **hefty** box of books was too heavy to lift on my own.

buffalo

n. a large wild ox with shaggy hair found in Asia and North America

synonym: bison, ox, beefalo

(1) **buffalo** horn, (2) **buffalo** steak

The **buffalo** roam freely in the plains of North America.

antelope

n. a large, swift-running, African or Asian mammal with horns and hooves, especially one of the gazelle family

synonym: gazelle, deer, buck

(1) long-horned **antelope**, (2) **antelope** hunt

The herd of **antelope** bounded across the plain, chased by a pack of wolves.

devastation

n. the act of causing great destruction or damage, often on a large scale

synonym: destruction, ruin, havoc

(1) financial **devastation**, (2) **devastation** to life

The economic recession caused **devastation** in the housing market, with many people losing their homes.

fan

n. a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces

synonym: lover, devotee, blade

(1) a film **fan**, (2) engine cooling **fan**

I'm a big **fan** of French food.

buster

n. a person or thing that breaks or causes something to be broken

synonym: breaker, destroyer, crusher

(1) crime- **buster**, (2) bug **buster**

The stress- **buster** meditation helped me relax and calm my nerves.

dimension

n. a measurable extent of a particular kind, such as width, height, or length

synonym: extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**

Overall **dimensions** are approximately 400x200mm.

rift *n.* a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces

synonym : split, break, gap

(1) **rift** between friends, (2) geological **rift**

Their disagreement caused a **rift** in their friendship.

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.

atmosphere *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

synonym : air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere**

The spaceship began to burn up as it approached the Earth's **atmosphere**.

shock *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

synonym : amazement, surprise, stunner

(1) death from **shock**, (2) **shock-resistant**

He got an electric **shock** at work.

crumb *n.* a small particle or fragment of food or other substance, often one that has broken off from a larger piece; a very small amount or portion of something

synonym : fragment, particle, bit

(1) **crumb** of information, (2) bread **crumb**

My dog found a **crumb** on the floor and quickly ate it.

megaton *n.* a unit of energy equivalent to one million tons of TNT

(1) **megaton** explosion, (2) **megaton** weapon

The power of a **megaton** bomb is equivalent to one million tons of TNT.

ecology

n. the study of the relationships between living organisms, including humans, and their physical environment

(1) science of **ecology**, (2) the **ecology** of the island

Many companies are now enthusiastically embracing the knowledge of **ecology** for sustainable development.

economy

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

synonym: finance, trade, business

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

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

necessarily

adv. in an essential manner; in such a way as could not be otherwise

synonym: inevitable, certainly, automatically

(1) not **necessarily** a problem, (2) **necessarily** true

This accident was something that happened **necessarily**.

panic

n. a sudden strong feeling of fear that cannot be controlled and prevents reasonable thought and action

synonym: confusion, hysteria, consternation

(1) a **panic** reaction, (2) **panic** buying

The participation of oil-producing countries in the war caused **panic** in the financial markets.

basis

n. the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

synonym: foundation, base, ground

(1) on an equal **basis**, (2) **basis** for calculation

This evidence will form the **basis** for our discussion.

scared

adj. afraid or frightened

synonym : frightened, fearful, dreading

(1) **scared** all the time, (2) **scared** dog
I'm **scared** of insects.

threat

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

synonym : menace, danger, hazard

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

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

giant

adj. enormous; much bigger or more important than similar items usually are

synonym : big, gigantic, huge

(1) **giant** trees, (2) **giant** tech company

The **giant** jets gradually dominate the world's airlines.

millennium

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

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

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

faint

adj. not strong, clear, or vigorous; slight or weak

synonym : slight, vague, soft

(1) **faint** memory, (2) **faint** aroma of roses

She heard a **faint**, nearly invisible scream.

row

n. an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars

synonym : line, sequence, layer

(1) criminal on death **row**, (2) a **row** of cherry trees

He was the leader of the demonstrators and spoke out against the war in the front **row**.

devote

v. to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose

synonym : commit, dedicate, apply

(1) **devote** all of my energies, (2) **devote** my own life

He **devoted** himself to studying the history of ancient civilizations.

nation

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

synonym : country, state, sovereign entity

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

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

foundation

n. the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes

synonym : base, support, groundwork

(1) **foundation** course, (2) weak **foundation**

The **foundation** of the building was cracked and needed to be repaired.

telescope

n. a device like a tube in shape containing lenses used to magnify and observe distant objects

(1) a binocular **telescope**, (2) look through a **telescope**

This facility has the largest astronomical **telescope** in the country.

apocalyptic

adj. describing severe damage and destruction in past or future events, or the end of the world

synonym : fateful, prophetic, ominous

(1) **apocalyptic** event, (2) have **apocalyptic** overtones
The **apocalyptic** landscape of burnt-out villages and bombed-out ruins spread out before them.

doomsday

n. the last day of the world when Christians believe that God will judge everyone; an unpleasant or disastrous event

synonym: Day of Judgment, Last Judgement

(1) **doomsday** scenario, (2) economic **doomsday**

This task is going to take me till **doomsday**.

discovery

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

synonym: finding, uncovering, detection

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

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

stadium

n. a large, usually roofless building with tiers of seats for spectators at sports or other events

synonym: arena, field, park

(1) **stadium** seating, (2) **stadium** capacity

The baseball **stadium** was filled with excited fans eagerly awaiting the start of the game.

underneath

adv. under or below something else

synonym: below, under, beneath

(1) **underneath** the surface of the water, (2) **underneath** the laughter

The penny fell **underneath** the piano.

satellite

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

synonym: orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**
Launching an artificial **satellite** contributed to the technological development of our country.

gravity

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

synonym: heaviness, attraction, weight

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

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

orbit

n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

synonym: path, course, trajectory

(1) the **orbit** of the moon, (2) a planetary **orbit**

The rocket engine is used to put the satellite into **orbit**.

kidney

n. either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine

(1) an artificial **kidney**, (2) chronic **kidney** disease

The surgeon removed the healthy **kidney** from the donor.

unbelievable

adj. beyond belief or understanding and extremely surprising

synonym: unimaginable, incredible, fantastical

(1) **unbelievable** beauty, (2) cause **unbelievable** damage

He drinks an **unbelievable** amount of beer.

odds

n. the degree or probability that a particular thing will or will not happen

synonym: chances, likelihoods, probabilities

(1) **odds** in favor, (2) **odds** of business

What are the **odds** that he will survive?

blowing

n. a gift or favor from a higher power or force; an act or expression of approval, encouragement, or gratitude; something that brings happiness or good fortune

synonym : favor, benediction, boon

(1) count your **blowings**, (2) bestowed **blowings**

Receiving support from his friends was a great **blowing** in his time of need.

disguise

v. to hide or alter someone's appearance to deceive or mislead others

synonym : mask, misinterpret, cloak

(1) **disguise** my feelings, (2) **disguise** his voice

Later it turned out that the politician **disguised** the fact from the public.

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.

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.

nucleus

n. the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom

synonym : core, heart, middle

(1) form a **nucleus**, (2) the **nucleus** of a team

DNA is stored in the **nucleus** of a cell.

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.

boom

n. a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound

synonym: roaring, prosperity, boost

(1) **boom** in sales, (2) a sonic **boom**

The high-technology industry is enjoying a **boom**.

tolerance

n. the willingness to accept or tolerate something, especially something that is different or unpleasant

synonym: acceptance, patience, forbearance

(1) religious **tolerance**, (2) **tolerance** for risk

The school's diversity program aimed to promote **tolerance** and understanding among the students.

ham-fisted

adj. describing a person's actions or movements that are clumsy, awkward, or lacking finesse or skill; describing someone who is tactless or heavy-handed in their approach

synonym: clumsy, awkward, inept

(1) **ham-fisted** performance, (2) **ham-fisted** joke

His **ham-fisted** attempt at fixing the computer only made things worse.

aft

adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle

(1) **aft** cabin, (2) **aft** view

The **aft** section of the ship suffered significant damage after the collision with the reef.

macho

adj. characterized by a strong sense of masculinity or male dominance, often in a way that is perceived as arrogant or aggressive

synonym : masculine, aggressive, virile

(1) **macho** culture, (2) maintain a **macho** image

His **macho** posturing was just a cover for his insecurities and lack of confidence.

velvet

n. plush, smooth fabric with a short pile on one side, typically made of silk, cotton, or a synthetic material

synonym : fabric, plush

(1) **velvet** couch, (2) **velvet** dress

The **velvet** curtains added a touch of elegance to the room.

glove

n. a piece of clothing worn on the hand and wrist for protection against cold, dirt, etc., with separate parts for each finger

synonym : mitt

(1) a right-hand **glove**, (2) 5-finger **glove**

She was wearing a black **glove**.

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.

astronaut

n. a person trained by a space agency to travel outside the Earth's atmosphere

synonym : spaceman, cosmonaut

(1) **astronaut** mission, (2) **astronaut** in training

The shuttle **astronaut** trained for months before embarking on the space mission.

refer

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

synonym : cite, allude, mention

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

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

rusty

adj. covered with rust (= a reddish-brown coating or corrosion layer); deteriorated or corroded due to lack of use or exposure to the elements; affected by disuse or neglect

synonym : corroded, oxidized, weathered

(1) **rusty** metal, (2) **rusty** nail

The **rusty** gate creaked loudly as it opened.

institute

n. an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

synonym : academy, university, college

(1) **institute** a lawsuit, (2) research **institutes**

This region has many **institutes** offering higher education.

walnut

n. a nut of a tall deciduous tree, commonly eaten as a snack or used in baking; the wood of this tree, used for furniture and other applications

synonym : pecan, hazelnut, almond

(1) **walnut** oil, (2) **walnut** tree

I love adding **walnuts** to my oatmeal in the morning for an extra crunch.

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.

weigh

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

synonym : consider, cogitate, count

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

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

tumble

v. to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance

synonym : fall, stumble, plummet

(1) **tumble** down the hill, (2) confidence **tumbles** as unemployment rates rose

The value of the currency **tumbled** against major international currencies.

mass

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

synonym : abundance, crowd, mob

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

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

rocket

n. a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

synonym : projectile, missile

(1) **rocket** attack against the enemy, (2) **rocket** fuel

The **rocket** launch platform is visible from this hill.

plume

n. a large feather or group of feathers worn as an ornament or a symbol of achievement or distinction, especially on a hat

synonym : feather, honor, token

(1) **plume** of smoke, (2) **plume** of feathers

The bird had a beautiful **plume** on its head.

gentle

adj. having or showing a kindly or tender nature; soft and mild

synonym : mild, delicate, soft

(1) in a **gentle** voice, (2) **gentle** downward slope

Her **gentle** manner relaxed everyone there.

finesse

n. skillful handling of a situation or problem with diplomacy, tact, or grace; subtle, artful maneuvering; refinement or delicacy in performance or execution; (verb) to handle a situation or problem with sensitivity, tact, and diplomacy

synonym: skill, dexterity, refinement

(1) creative **finesse**, (2) **finesse** a shot in golf

He displays great **finesse** when playing the guitar.

chemical

adj. relating to or connected with chemistry;

synonym: chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

thrust

v. to push or drive forcibly; to impose or insert; (noun) the force used in pushing

synonym: push, shove, prod

(1) **thrust** a dagger home, (2) **thrust** a plate away

The engine **thrust** the rocket into space.

invention

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

synonym: creation, design, innovation

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

Necessity is the mother of **invention**.

ion

n. an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons

(1) **ion** channel, (2) rechargeable lithium- **ion** battery

The increased concentrat **ion** of hydrogen ions in an aqueous solution makes it more acidic.

engine

n. a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

synonym : motor, locomotive, driver

(1) a steam **engine**, (2) an air-cooled **engine**

The policies he announces can be the **engine** of economic growth in the country.

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.

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.

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.

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.

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**.

enterprise

n. a business or company; a purposeful or industrious undertaking, especially one that requires effort

synonym: business, company, industry

(1) undertake an **enterprise**, (2) his business **enterprise**

A growing **enterprise** requires a bold leader.

Session 2: Spelling

1. fabric of the je___y
n. a knitted garment typically made of wool or cotton, worn as a shirt or pullover
2. ham_____ed joke
adj. describing a person's actions or movements that are clumsy, awkward, or lacking finesse or skill; describing someone who is tactless or heavy-handed in their approach
3. i__n for young people
n. a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file
4. me___n age at diagnosis
n. the value separating the higher half from the lower half of a set of values arranged in order of size
5. re_____e a prisoner
v. to set free or allow to escape from confinement
6. ham_____ed performance
adj. describing a person's actions or movements that are clumsy, awkward, or lacking finesse or skill; describing someone who is tactless or heavy-handed in their approach
7. 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: 1. jersey, 2. ham-fisted, 3. icon, 4. median, 5. release, 6. ham-fisted, 7. probe

8. chronic ki___y disease *n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
9. pl___e of smoke *n.* a large feather or group of feathers worn as an ornament or a symbol of achievement or distinction, especially on a hat
10. the Arab pe_____la *n.* a long piece of land that is almost surrounded by water but is linked to a larger part of the land
11. bestowed bl_____ngs *n.* a gift or favor from a higher power or force; an act or expression of approval, encouragement, or gratitude; something that brings happiness or good fortune
12. ex_____te soil *v.* to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something
13. religious to_____ce *n.* the willingness to accept or tolerate something, especially something that is different or unpleasant
14. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
15. 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
16. unb_____ble beauty *adj.* beyond belief or understanding and extremely surprising

ANSWERS: 8. kidney, 9. plume, 10. peninsula, 11. blessing, 12. excavate, 13. tolerance, 14. invention, 15. launch, 16. unbelievable

17. a pa__c reaction *n.* a sudden strong feeling of fear that cannot be controlled and prevents reasonable thought and action
18. 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
19. re____e CO2 into the air *v.* to set free or allow to escape from confinement
20. hunting ri__e *n.* a long-barreled firearm designed to be fired from the shoulder, typically with a rifled bore for accuracy
21. ro____y speaking *adv.* approximately but not precisely; with a violent manner
22. gi____ic proportions *adj.* extremely large
23. nec____ly true *adv.* in an essential manner; in such a way as could not be otherwise
24. st____m capacity *n.* a large, usually roofless building with tiers of seats for spectators at sports or other events
25. he__y breakfast *adj.* large, bulky, and heavy; impressively large, substantial, or powerful; large in amount, extent, or significance
26. single l__p sum *n.* a small, irregularly shaped mass or piece, typically of a soft substance such as coal, flour, or dough
27. g__f war *n.* a large ocean inlet or deep bay that is partially enclosed by land

ANSWERS: 17. panic, 18. planet, 19. release, 20. rifle, 21. roughly, 22. gigantic, 23. necessarily, 24. stadium, 25. hefty, 26. lump, 27. gulf

28. common in_____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
29. 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
30. an artificial ki___y *n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
31. g__f stream *n.* a large ocean inlet or deep bay that is partially enclosed by land
32. a convivial atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
33. re__r to a map *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
34. on an equal ba__s *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
35. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
36. a steam en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

ANSWERS: 28. invention, 29. launch, 30. kidney, 31. gulf, 32. atmosphere, 33. refer, 34. basis, 35. mass, 36. engine

37. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
38. r__t between friends *n.* a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
39. ec_____y class *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
40. a planetary or__t *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels
41. dev_____on to life *n.* the act of causing great destruction or damage, often on a large scale
42. the surface of the co__t *n.* a celestial object consisting of a nucleus of ice and dust that goes around the sun
43. open-air aud_____um *n.* a room or building used for concerts, plays, or other public performances
44. cr___r lake *n.* a huge bowl-shaped cavity in the earth or an object in space, usually created by an explosion or the impact of a meteorite

ANSWERS: 37. discovery, 38. rift, 39. economy, 40. orbit, 41. devastation, 42. comet, 43. auditorium, 44. crater

45. an air-cooled en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
46. pa__c buying *n.* a sudden strong feeling of fear that cannot be controlled and prevents reasonable thought and action
47. terrestrial gl__e *n.* the earth or world, mainly used to emphasize its vastness
48. wa___t tree *n.* a nut of a tall deciduous tree, commonly eaten as a snack or used in baking; the wood of this tree, used for furniture and other applications
49. tre_____us popularity *adj.* very great in degree or extent or amount or impact; extremely good
50. und_____th the laughter *adv.* under or below something else
51. ru__y nail *adj.* covered with rust (= a reddish-brown coating or corrosion layer); deteriorated or corroded due to lack of use or exposure to the elements; affected by disuse or neglect
52. do_____ay scenario *n.* the last day of the world when Christians believe that God will judge everyone; an unpleasant or disastrous event
53. a film f_n *n.* a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces

ANSWERS: 45. engine, 46. panic, 47. globe, 48. walnut, 49. tremendous, 50. underneath, 51. rusty, 52. doomsday, 53. fan

54. new di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
55. at p__k hour *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
56. cr_____e to dust *v.* to break or fall apart into small pieces or fragments, especially due to age, decay, or lack of support
57. ru__y metal *adj.* covered with rust (= a reddish-brown coating or corrosion layer); deteriorated or corroded due to lack of use or exposure to the elements; affected by disuse or neglect
58. science of ec_____y *n.* the study of the relationships between living organisms, including humans, and their physical environment
59. a r_w of cherry trees *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
60. fi_____e a shot in golf *n.* skillful handling of a situation or problem with diplomacy, tact, or grace; subtle, artful maneuvering; refinement or delicacy in performance or execution; (verb) to handle a situation or problem with sensitivity, tact, and diplomacy
61. b__m in sales *n.* a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound

ANSWERS: 54. dimension, 55. peak, 56. crumble, 57. rusty, 58. ecology, 59. row, 60. finesse, 61. boom

62. lunar cr___r *n.* a huge bowl-shaped cavity in the earth or an object in space, usually created by an explosion or the impact of a meteorite
63. rec_____nal drugs *adj.* relating to or for leisure or pleasure; done for enjoyment rather than work or duty
64. en___us potential *adj.* extremely large or great
65. co__t Halley *n.* a celestial object consisting of a nucleus of ice and dust that goes around the sun
66. 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
67. st_____m seating *n.* a large, usually roofless building with tiers of seats for spectators at sports or other events
68. fou_____on course *n.* the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes
69. television i__n *n.* a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file

ANSWERS: 62. crater, 63. recreational, 64. enormous, 65. comet, 66. recognize, 67. stadium, 68. foundation, 69. icon

70. ro____y explain my idea *adv.* approximately but not precisely; with a violent manner
71. s__m the door *v.* to shut a door or window noisily; to strike something violently or noisily
72. cr__b of information *n.* a small particle or fragment of food or other substance, often one that has broken off from a larger piece; a very small amount or portion of something
73. began to cr____e under financial pressure *v.* to break or fall apart into small pieces or fragments, especially due to age, decay, or lack of support
74. s__m the book against a wall *v.* to shut a door or window noisily; to strike something violently or noisily
75. a binocular te_____pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
76. 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
77. the tip of the pe_____la *n.* a long piece of land that is almost surrounded by water but is linked to a larger part of the land
78. ex_____e in popularity *v.* to burst or break open violently and noisily; to cause something to burst or break open
79. rechargeable lithium-i_n battery *n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons

ANSWERS: 70. roughly, 71. slam, 72. crumb, 73. crumble, 74. slam, 75. telescope, 76. recognize, 77. peninsula, 78. explode, 79. ion

80. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
81. di____se his voice *v.* to hide or alter someone's appearance to deceive or mislead others
82. i_n channel *n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
83. sta____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
84. ve___t couch *n.* plush, smooth fabric with a short pile on one side, typically made of silk, cotton, or a synthetic material
85. gi__t tech company *adj.* enormous; much bigger or more important than similar items usually are
86. a rec____nal center *adj.* relating to or for leisure or pleasure; done for enjoyment rather than work or duty
87. ex____e in anger *v.* to burst or break open violently and noisily; to cause something to burst or break open
88. sc___d dog *adj.* afraid or frightened
89. bu____o horn *n.* a large wild ox with shaggy hair found in Asia and North America
90. crime-bu___r *n.* a person or thing that breaks or causes something to be broken

ANSWERS: 80. mass, 81. disguise, 82. ion, 83. statistics, 84. velvet, 85. giant, 86. recreational, 87. explode, 88. scared, 89. buffalo, 90. buster

91. maintain a ma__o image *adj.* characterized by a strong sense of masculinity or male dominance, often in a way that is perceived as arrogant or aggressive
92. long-horned an____pe *n.* a large, swift-running, African or Asian mammal with horns and hooves, especially one of the gazelle family
93. criminal on death r_w *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
94. economic th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
95. n__b with cold *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
96. an icy bl__t *n.* explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
97. atomic b__bs *n.* a weapon that explodes and is used to kill or injure people or to cause damage to something
98. bu____t train *n.* a metal projectile that is shot from a gun
99. cause unb____ble damage *adj.* beyond belief or understanding and extremely surprising
100. a meteorological sa____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

ANSWERS: 91. macho, 92. antelope, 93. row, 94. threat, 95. numb, 96. blast, 97. bomb, 98. bullet, 99. unbelievable, 100. satellite

101. a right-hand gl__e *n.* a piece of clothing worn on the hand and wrist for protection against cold, dirt, etc., with separate parts for each finger
102. atm_____ic pressure *adj.* about or located in the earth's atmosphere
103. tre_____us amount *adj.* very great in degree or extent or amount or impact; extremely good
104. a bl__t of wind *n.* explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
105. disarm the b__b *n.* a weapon that explodes and is used to kill or injure people or to cause damage to something
106. th___t a plate away *v.* to push or drive forcibly; to impose or insert; (noun) the force used in pushing
107. bug bu___r *n.* a person or thing that breaks or causes something to be broken
108. me_____n explosion *n.* a unit of energy equivalent to one million tons of TNT
109. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
110. horseback t__k *n.* a long and difficult journey, typically on foot
111. 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

ANSWERS: 101. glove, 102. atmospheric, 103. tremendous, 104. blast, 105. bomb, 106. thrust, 107. buster, 108. megaton, 109. discovery, 110. trek, 111. alien

112. de___t basin *n.* arid land with little or no vegetation often covered with sand or rocks
113. hulking di____ur *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
114. me____n weapon *n.* a unit of energy equivalent to one million tons of TNT
115. his business ent____se *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
116. v__t desert *adj.* enormous in size, number, amount, or quantity
117. a te____ue in martial arts *n.* a particular way or art of doing something that needs skill
118. have apo____ic overtones *adj.* describing severe damage and destruction in past or future events, or the end of the world
119. death from sh__k *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
120. doubling of atm____ic carbon dioxide *adj.* about or located in the earth's atmosphere
121. de___e my own life *v.* to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose
122. he__y price *adj.* large, bulky, and heavy; impressively large, substantial, or powerful; large in amount, extent, or significance

ANSWERS: 112. desert, 113. dinosaur, 114. megaton, 115. enterprise, 116. vast, 117. technique, 118. apocalyptic, 119. shock, 120. atmospheric, 121. devote, 122. hefty

123. engine cooling f_n *n.* a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces
124. en____us amount *adj.* extremely large or great
125. official sta_____cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
126. th___t a dagger home *v.* to push or drive forcibly; to impose or insert; (noun) the force used in pushing
127. o__s in favor *n.* the degree or probability that a particular thing will or will not happen
128. re__r to a book *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
129. to_____ce for risk *n.* the willingness to accept or tolerate something, especially something that is different or unpleasant
130. confidence tu___es as unemployment rates rose *v.* to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance
131. the ec_____y of the island *n.* the study of the relationships between living organisms, including humans, and their physical environment
132. around the gl__e *n.* the earth or world, mainly used to emphasize its vastness
133. apo_____ic event *adj.* describing severe damage and destruction in past or future events, or the end of the world

ANSWERS: 123. fan, 124. enormous, 125. statistics, 126. thrust, 127. odds, 128. refer, 129. tolerance, 130. tumble, 131. ecology, 132. globe, 133. apocalyptic

134. de___e all of my energies *v.* to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose
135. oasis in the de___t *n.* arid land with little or no vegetation often covered with sand or rocks
136. the te_____ue applied to construction *n.* a particular way or art of doing something that needs skill
137. ma__o culture *adj.* characterized by a strong sense of masculinity or male dominance, often in a way that is perceived as arrogant or aggressive
138. as_____ut in training *n.* a person trained by a space agency to travel outside the Earth's atmosphere
139. 5-finger gl__e *n.* a piece of clothing worn on the hand and wrist for protection against cold, dirt, etc., with separate parts for each finger
140. ex_____te a deep hole *v.* to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something
141. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
142. bread cr__b *n.* a small particle or fragment of food or other substance, often one that has broken off from a larger piece; a very small amount or portion of something
143. an_____pe hunt *n.* a large, swift-running, African or Asian mammal with horns and hooves, especially one of the gazelle family

ANSWERS: 134. devote, 135. desert, 136. technique, 137. macho, 138. astronaut, 139. glove, 140. excavate, 141. engineer, 142. crumb, 143. antelope

144. a GPS sa_____te
n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
145. as_____id explorer
n. a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
146. sc____d all the time
adj. afraid or frightened
147. look through a te_____pe
n. a device like a tube in shape containing lenses used to magnify and observe distant objects
148. fa__t aroma of roses
adj. not strong, clear, or vigorous; slight or weak
149. we__h heavily on stock prices
v. to have a particular weight; to carefully evaluate things before making a conclusion
150. economic do_____ay
n. the last day of the world when Christians believe that God will judge everyone; an unpleasant or disastrous event
151. tu____e down the hill
v. to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance
152. di_____ur fossil
n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
153. a me____n strip
n. the value separating the higher half from the lower half of a set of values arranged in order of size

ANSWERS: 144. satellite, 145. asteroid, 146. scared, 147. telescope, 148. faint, 149. weigh, 150. doomsday, 151. tumble, 152. dinosaur, 153. median

154. preserve my gr____y *n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
155. undertake an ent_____se *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
156. bu___t wound *n.* a metal projectile that is shot from a gun
157. the or__t of the moon *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels
158. the crosswise di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
159. o__s of business *n.* the degree or probability that a particular thing will or will not happen
160. a n__b mind *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
161. count your bl_____ngs *n.* a gift or favor from a higher power or force; an act or expression of approval, encouragement, or gratitude; something that brings happiness or good fortune
162. sp___h everywhere *v.* to cause liquid to scatter in irregular drops, especially with force
163. in a ge___e voice *adj.* having or showing a kindly or tender nature; soft and mild

ANSWERS: 154. gravity, 155. enterprise, 156. bullet, 157. orbit, 158. dimension, 159. odds, 160. numb, 161. blessing, 162. splash, 163. gentle

164. not nec_____ly a problem *adv.* in an essential manner; in such a way as could not be otherwise
165. a sop_____ted lifestyle *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
166. financial dev_____on *n.* the act of causing great destruction or damage, often on a large scale
167. sp___h water *v.* to cause liquid to scatter in irregular drops, especially with force
168. lava bo_____r *n.* a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion
169. w__e with water *v.* to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid
170. 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
171. bu_____o steak *n.* a large wild ox with shaggy hair found in Asia and North America
172. ba__s for calculation *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
173. me___r impact *n.* (commonly known as a shooting star) a small celestial body or particle that enters the Earth's atmosphere, often producing a bright streak of light as it burns up due to friction with the atmosphere

ANSWERS: 164. necessarily, 165. sophisticated, 166. devastation, 167. splash, 168. boulder, 169. wipe, 170. alien, 171. buffalo, 172. basis, 173. meteor

174. da___e assessment *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
175. sh__k-resistant *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
176. past mil_____um *n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)
177. bo_____r field *n.* a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion
178. as_____ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
179. aud_____um annex *n.* a room or building used for concerts, plays, or other public performances
180. weak fou_____on *n.* the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes
181. a seafaring na___n *n.* a large organized community of people living in a particular country or region and having a particular culture

ANSWERS: 174. damage, 175. shock, 176. millennium, 177. boulder, 178. astronaut, 179. auditorium, 180. foundation, 181. nation

182. 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
183. ri__e barrel *n.* a long-barreled firearm designed to be fired from the shoulder, typically with a rifled bore for accuracy
184. solar ast_____er *n.* a physicist who studies astronomy
185. mil_____um bottle of wine *n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)
186. di_____se my feelings *v.* to hide or alter someone's appearance to deceive or mislead others
187. l__p in the throat *n.* a small, irregularly shaped mass or piece, typically of a soft substance such as coal, flour, or dough
188. a sonic b__m *n.* a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound
189. we__h a cargo *v.* to have a particular weight; to carefully evaluate things before making a conclusion
190. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
191. t__k expedition *n.* a long and difficult journey, typically on foot
192. environmental th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

ANSWERS: 182. probe, 183. rifle, 184. astronomer, 185. millennium, 186. disguise, 187. lump, 188. boom, 189. weigh, 190. incredibly, 191. trek, 192. threat

193. the p__k current in the circuit *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
194. gi__t trees *adj.* enormous; much bigger or more important than similar items usually are
195. da___e a relationship *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
196. W__e off dirt *v.* to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid
197. ro___t fuel *n.* a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon
198. a sc__p of ice cream *n.* a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else
199. toxic ch_____als *adj.* relating to or connected with chemistry;
200. ge___e downward slope *adj.* having or showing a kindly or tender nature; soft and mild
201. fa__t memory *adj.* not strong, clear, or vigorous; slight or weak

ANSWERS: 193. peak, 194. giant, 195. damage, 196. wipe, 197. rocket, 198. scoop, 199. chemical, 200. gentle, 201. faint

202. ro___t attack against the enemy *n.* a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
203. form a nu____s *n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom
204. a_t cabin *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
205. je___y material *n.* a knitted garment typically made of wool or cotton, worn as a shirt or pullover
206. me___r shower *n.* (commonly known as a shooting star) a small celestial body or particle that enters the Earth's atmosphere, often producing a bright streak of light as it burns up due to friction with the atmosphere
207. v__t majority *adj.* enormous in size, number, amount, or quantity
208. the nu____s of a team *n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom
209. carbon dioxide in the atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

ANSWERS: 202. rocket, 203. nucleus, 204. aft, 205. jersey, 206. meteor, 207. vast, 208. nucleus, 209. atmosphere

210. a ch__k of money *n.* a thick and solid mass or piece of something
211. 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
212. sc__p of news *n.* a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else
213. pl__e of feathers *n.* a large feather or group of feathers worn as an ornament or a symbol of achievement or distinction, especially on a hat
214. creative fi____e *n.* skillful handling of a situation or problem with diplomacy, tact, or grace; subtle, artful maneuvering; refinement or delicacy in performance or execution; (verb) to handle a situation or problem with sensitivity, tact, and diplomacy
215. sop_____ted look *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
216. nu____r fusion *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
217. wa___t oil *n.* a nut of a tall deciduous tree, commonly eaten as a snack or used in baking; the wood of this tree, used for furniture and other applications

ANSWERS: 210. chunk, 211. planet, 212. scoop, 213. plume, 214. finesse, 215. sophisticated, 216. nuclear, 217. walnut

218. use of nu____r power *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
219. geological r__t *n.* a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
220. ec____y of scale *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
221. gi____ic monsters *adj.* extremely large
222. amateur ast____er *n.* a physicist who studies astronomy
223. inc____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
224. und____th the surface of the water *adv.* under or below something else
225. a ch____al compound *adj.* relating to or connected with chemistry;
226. a_t view *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
227. a tiny ch__k of meat *n.* a thick and solid mass or piece of something
228. as____id mining *n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter

ANSWERS: 218. nuclear, 219. rift, 220. economy, 221. gigantic, 222. astronomer, 223. incredibly, 224. underneath, 225. chemical, 226. aft, 227. chunk, 228. asteroid

229. en____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
230. na____n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
231. in____te a lawsuit *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
232. research in____tes *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
233. ve____t dress *n.* plush, smooth fabric with a short pile on one side, typically made of silk, cotton, or a synthetic material
234. the attraction of gr____y *n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn

ANSWERS: 229. engineer, 230. nation, 231. institute, 232. institute, 233. velvet, 234. gravity

Session 3: Fill in the Blanks

1. We had a _____ time yesterday.
adj. very great in degree or extent or amount or impact; extremely good
2. The ____ section of the ship suffered significant damage after the collision with the reef.
adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
3. The animal rights group worked to _____ the dolphins back into the wild.
v. to set free or allow to escape from confinement
4. The _____ curtains added a touch of elegance to the room.
n. plush, smooth fabric with a short pile on one side, typically made of silk, cotton, or a synthetic material
5. The ____ of Mexico is a body of water in the southern United States.
n. a large ocean inlet or deep bay that is partially enclosed by land
6. Several cities are experiencing _____ high unemployment rates.
adv. in a way that is very difficult to believe; exceedingly or extremely
7. I'm _____ of insects.
adj. afraid or frightened
8. The sea surface temperature and _____ circulation are inextricably linked.
adj. about or located in the earth's atmosphere

ANSWERS: 1. tremendous, 2. aft, 3. release, 4. velvet, 5. Gulf, 6. incredibly, 7. scared, 8. atmospheric

9. This region has many _____ offering higher education.
n. an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
10. Their disagreement caused a _____ in their friendship.
n. a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
11. Her research team made an important _____.
n. the act or process of finding information, a place, or an object, or learning about something that was previously not known
12. This accident was something that happened _____.
adv. in an essential manner; in such a way as could not be otherwise
13. She heard a _____ nearly invisible scream.
adj. not strong, clear, or vigorous; slight or weak
14. I always wear my favorite basketball player's _____ to the games.
n. a knitted garment typically made of wool or cotton, worn as a shirt or pullover
15. Launching an artificial _____ contributed to the technological development of our country.
n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
16. The firm has grown into a large _____ manufacturing.
adj. relating to or connected with chemistry;

ANSWERS: 9. institutes, 10. rift, 11. discovery, 12. necessarily, 13. faint, 14. jersey, 15. satellite, 16. chemical

17. The mountain was _____ with snow.
- v.* to cause liquid to scatter in irregular drops, especially with force
18. Some comic book characters are considered gay _____.
- n.* a picture or statue of a holy person considered to be a sacred thing; a little icon on the screen of a computer or smartphone that denotes an application or a file
19. The _____ of Japan is known for its unique culture and advanced technology.
- n.* a large organized community of people living in a particular country or region and having a particular culture
20. The baseball _____ was filled with excited fans eagerly awaiting the start of the game.
- n.* a large, usually roofless building with tiers of seats for spectators at sports or other events
21. This question has fascinated solar _____ for decades.
- n.* a physicist who studies astronomy
22. Jockey's superior _____ brought him victory.
- n.* a particular way or art of doing something that needs skill
23. The surgeon removed the healthy _____ from the donor.
- n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
24. The hikers had to climb over a _____ that was blocking their path.
- n.* a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion

ANSWERS: 17. splashed, 18. icons, 19. nation, 20. stadium, 21. astronomers, 22. technique, 23. kidney, 24. boulder

25. _____ annual income fell last year in this country.
- n.* the value separating the higher half from the lower half of a set of values arranged in order of size
26. The _____ of the country is struggling due to the recent political instability.
- n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
27. The participation of oil-producing countries in the war caused _____ in the financial markets.
- n.* a sudden strong feeling of fear that cannot be controlled and prevents reasonable thought and action
28. Please _____ to the instruction manual for further assistance.
- v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
29. The rocket engine is used to put the satellite into _____.
- n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels
30. What are the _____ that he will survive?
- n.* the degree or probability that a particular thing will or will not happen
31. The bird had a beautiful _____ on its head.
- n.* a large feather or group of feathers worn as an ornament or a symbol of achievement or distinction, especially on a hat

ANSWERS: 25. Median, 26. economy, 27. panic, 28. refer, 29. orbit, 30. odds, 31. plume

32. That _____ was an essential base for the country's defense.
- n.* a long piece of land that is almost surrounded by water but is linked to a larger part of the land
33. A _____ audience viewed the broadcast.
- adj.* enormous in size, number, amount, or quantity
34. Overall _____ are approximately 400x200mm.
- n.* a measurable extent of a particular kind, such as width, height, or length
35. 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
36. During the surgery, the doctor had to be extremely cautious not to _____ a blood vessel.
- v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
37. My dog found a _____ on the floor and quickly ate it.
- n.* a small particle or fragment of food or other substance, often one that has broken off from a larger piece; a very small amount or portion of something
38. 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

ANSWERS: 32. peninsula, 33. vast, 34. dimensions, 35. recognize, 36. damage, 37. crumb, 38. launch

39. The penny fell _____ the piano.

adv. under or below something else

40. A bright _____ streaked across the night sky, captivating everyone who observed it.

n. (commonly known as a shooting star) a small celestial body or particle that enters the Earth's atmosphere, often producing a bright streak of light as it burns up due to friction with the atmosphere

41. His _____ posturing was just a cover for his insecurities and lack of confidence.

adj. characterized by a strong sense of masculinity or male dominance, often in a way that is perceived as arrogant or aggressive

42. The policies he announces can be the _____ of economic growth in the country.

n. a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

43. _____ 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

44. His final goal is to sail around the _____.

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

45. He was so hungry from the long journey that he had a _____ appetite.

adj. extremely large

46. An enormous _____ marks the area where the vast volcanic explosion occurred.

n. a huge bowl-shaped cavity in the earth or an object in space, usually created by an explosion or the impact of a meteorite

ANSWERS: 39. underneath, 40. meteor, 41. macho, 42. engine, 43. Alien, 44. globe, 45. gigantic, 46. crater

47. He got an electric _____ at work.

- n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

48. The high-technology industry is enjoying a _____.

- n.* a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound

49. The increased concentrat____ of hydrogen ions in an aqueous solution makes it more acidic.

- n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons

50. The use of cluster _____ is strictly prohibited by international law.

- n.* a weapon that explodes and is used to kill or injure people or to cause damage to something

51. The discovery of a new _____ species made headlines in the scientific community.

- n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

52. The _____ seating was filled with people waiting for the concert to begin.

- n.* a room or building used for concerts, plays, or other public performances

53. The police discovered a _____ case in the suspect's car during their investigation.

- n.* a long-barreled firearm designed to be fired from the shoulder, typically with a rifled bore for accuracy

ANSWERS: 47. shock, 48. boom, 49. ion, 50. bombs, 51. dinosaur, 52. auditorium, 53. rifle

54. The _____ launch platform is visible from this hill.
- n.* a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon
55. 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
56. She _____ the door shut, angry at the person on the other side.
- v.* to shut a door or window noisily; to strike something violently or noisily
57. Receiving support from his friends was a great _____ in his time of need.
- n.* a gift or favor from a higher power or force; an act or expression of approval, encouragement, or gratitude; something that brings happiness or good fortune
58. I love adding _____ to my oatmeal in the morning for an extra crunch.
- n.* a nut of a tall deciduous tree, commonly eaten as a snack or used in baking; the wood of this tree, used for furniture and other applications
59. She was wearing a black _____.
- n.* a piece of clothing worn on the hand and wrist for protection against cold, dirt, etc., with separate parts for each finger
60. Later it turned out that the politician _____ the fact from the public.
- v.* to hide or alter someone's appearance to deceive or mislead others
61. This measurement aims to reduce traffic at _____ periods.
- n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain

ANSWERS: 54. rocket, 55. comet's, 56. slammed, 57. blessing, 58. walnuts, 59. glove, 60. disguised, 61. peak

62. The _____ roam freely in the plains of North America.

n. a large wild ox with shaggy hair found in Asia and North America

63. My left arm became _____.

adj. unable to feel physical sensation and movement; not showing human feeling or sensitivity

64. The new start-up company carved out a large _____ of the market within a year.

n. a thick and solid mass or piece of something

65. Five miles is _____ similar to eight kilometers.

adv. approximately but not precisely; with a violent manner

66. The _____ of people who do not own property is politically impotent.

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

67. The stray _____ went through the window and hit the wall.

n. a metal projectile that is shot from a gun

68. The baby _____ 1 pound 3 oz.

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

69. The _____ will repair my telephone tomorrow morning.

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

70. This task is going to take me till _____.

n. the last day of the world when Christians believe that God will judge everyone; an unpleasant or disastrous event

ANSWERS: 62. buffalo, 63. numb, 64. chunk, 65. roughly, 66. mass, 67. bullet, 68. weighs, 69. engineer, 70. doomsday

71. He drinks an _____ amount of beer.

adj. beyond belief or understanding and extremely surprising

72. The engine _____ the rocket into space.

v. to push or drive forcibly; to impose or insert; (noun) the force used in pushing

73. The shuttle _____ trained for months before embarking on the space mission.

n. a person trained by a space agency to travel outside the Earth's atmosphere

74. The _____ demonstrate that poverty and unemployment are genuine problems.

n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

75. This region is predominantly _____.

n. arid land with little or no vegetation often covered with sand or rocks

76. Scientists are studying the composition and origins of the _____ belt to understand the early solar system better.

n. a small rocky body orbiting the sun, typically in the region between Mars and Jupiter

77. Many countries have now agreed to a treaty banning the use of _____ weapons.

adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

78. The _____ of severe weather prompted the city to issue an evacuation warning.

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

ANSWERS: 71. unbelievable, 72. thrust, 73. astronaut, 74. statistics, 75. desert, 76. asteroid, 77. nuclear, 78. threat

79. He was preparing for a long _____ through the mountains.

n. a long and difficult journey, typically on foot

80. He was the leader of the demonstrators and spoke out against the war in the front _____.

n. an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars

81. The archaeologists _____ the ruins of an ancient city buried under the desert sands.

v. to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something

82. I enjoy _____ activities such as hiking and swimming.

adj. relating to or for leisure or pleasure; done for enjoyment rather than work or duty

83. The school's diversity program aimed to promote _____ and understanding among the students.

n. the willingness to accept or tolerate something, especially something that is different or unpleasant

84. He displays great _____ when playing the guitar.

n. skillful handling of a situation or problem with diplomacy, tact, or grace; subtle, artful maneuvering; refinement or delicacy in performance or execution; (verb) to handle a situation or problem with sensitivity, tact, and diplomacy

85. The _____ landscape of burnt-out villages and bombed-out ruins spread out before them.

adj. describing severe damage and destruction in past or future events, or the end of the world

ANSWERS: 79. trek, 80. row, 81. excavated, 82. recreational, 83. tolerance, 84. finesse, 85. apocalyptic

86. The spaceship began to burn up as it approached the Earth's _____.
- n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
87. The power of a _____ bomb is equivalent to one million tons of TNT.
- n.* a unit of energy equivalent to one million tons of TNT
88. His _____ attempt at fixing the computer only made things worse.
- adj.* describing a person's actions or movements that are clumsy, awkward, or lacking finesse or skill; describing someone who is tactless or heavy-handed in their approach
89. I'm a big ___ of French food.
- n.* a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces
90. The stress-_____ meditation helped me relax and calm my nerves.
- n.* a person or thing that breaks or causes something to be broken
91. Necessity is the mother of _____.
- n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
92. The _____ box of books was too heavy to lift on my own.
- adj.* large, bulky, and heavy; impressively large, substantial, or powerful; large in amount, extent, or significance
93. Our world is in the third _____.
- n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)

ANSWERS: 86. atmosphere, 87. megaton, 88. ham-fisted, 89. fan, 90. buster, 91. invention, 92. hefty, 93. millennium

94. This evidence will form the _____ for our discussion.
- n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
95. The value of the currency _____ against major international currencies.
- v.* to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance
96. Marketing strategies are growing more _____.
- adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
97. The economic recession caused _____ in the housing market, with many people losing their homes.
- n.* the act of causing great destruction or damage, often on a large scale
98. The astronaut felt weightless in space due to the absence of _____.
- n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
99. Many companies are now enthusiastically embracing the knowledge of _____ for sustainable development.
- n.* the study of the relationships between living organisms, including humans, and their physical environment
100. The company's marketing team worked hard to get the _____ on what their target audience wanted.
- n.* a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else

ANSWERS: 94. basis, 95. tumbled, 96. sophisticated, 97. devastation, 98. gravity, 99. ecology, 100. scoop

101. The old building _____ in a fiery inferno.

- v.* to burst or break open violently and noisily; to cause something to burst or break open

102. A growing _____ requires a bold leader.

- n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort

103. The _____ shattered the laboratory equipment.

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

104. 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

105. The _____ gate creaked loudly as it opened.

- adj.* covered with rust (= a reddish-brown coating or corrosion layer); deteriorated or corroded due to lack of use or exposure to the elements; affected by disuse or neglect

106. 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

107. The herd of _____ bounded across the plain, chased by a pack of wolves.

- n.* a large, swift-running, African or Asian mammal with horns and hooves, especially one of the gazelle family

ANSWERS: 101. exploded, 102. enterprise, 103. blast, 104. probe, 105. rusty, 106. planet, 107. antelope

108. The _____ jets gradually dominate the world's airlines.

adj. enormous; much bigger or more important than similar items usually are

109. There is a small _____ on my neck, and I'm concerned about it.

n. a small, irregularly shaped mass or piece, typically of a soft substance such as coal, flour, or dough

110. Please _____ your sweat with this towel.

v. to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid

111. The _____ of the building was cracked and needed to be repaired.

n. the lowest load-bearing part of a building, typically below ground level; a fundamental basis or principle upon which something is built or established; an organization that provides funding or support for charitable or educational purposes

112. This facility has the largest astronomical _____ in the country.

n. a device like a tube in shape containing lenses used to magnify and observe distant objects

113. Shakespeare's output of poetry was _____.

adj. extremely large or great

114. DNA is stored in the _____ of a cell.

n. the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom

115. The old building was starting to _____ due to years of neglect and lack of maintenance.

v. to break or fall apart into small pieces or fragments, especially due to age, decay, or lack of support

ANSWERS: 108. giant, 109. lump, 110. wipe, 111. foundation, 112. telescope, 113. enormous, 114. nucleus, 115. crumble

116. Her _____ manner relaxed everyone there.

adj. having or showing a kindly or tender nature; soft and mild

117. He _____ himself to studying the history of ancient civilizations.

v. to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose

ANSWERS: 116. gentle, 117. devoted