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Vocabulary Builder Reference from...

Shohini Ghose: The genius of Marie Curie | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

glimpse

n. a brief or partial view; the act of seeing something or someone for a very short time or only partly

synonym : glance, peek, sighting

(1) a momentary **glimpse**, (2) passing **glimpse**

Our team caught a **glimpse** of the world-class technique in this game.

manuscript

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

synonym : script

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

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

waive

v. to give up or relinquish a claim or right voluntarily; to refrain from insisting on or enforcing a requirement or rule

synonym : forgo, relinquish, abstain

(1) **waive** the claim, (2) **waive** fees

The homeowners decided to **waive** the inspection fee for the interested buyers to make the sale smoother.

gear

n. a toothed wheel that engages another toothed mechanism to change the speed or direction of

transmitted motion; a set of tools, equipment, or other items for a particular purpose

synonym : equipment, tools, apparatus

(1) sports **gear**, (2) a **gear** change lever

She checked her **gear** before embarking on the hike.

shield

n. a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves

synonym : guard, protection, safeguard

(1) a heat **shield**, (2) a **shield** for protecting against a bullet
Lead is an effective **shield** against X-rays, gamma rays, and other harmful radiation.

radiation

n. the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health

synonym : dissemination, emission, irradiation

(1) exposure to **radiation**, (2) electromagnetic **radiation**

He tried every possible treatment, including chemotherapy and **radiation** therapy.

contamination

n. the presence of something harmful or unwanted in a substance, material, or environment; the act of introducing harmful substances or materials into an environment or area

synonym : pollution, defilement, infection

(1) **contamination** levels, (2) soil **contamination**

The **contamination** of the water supply led to widespread illness in the community.

inter

v. to bury or place a dead body in a tomb or grave; to temporarily detain or imprison someone; (prefix) between or among

synonym : bury, entomb, inhume

(1) **inter** a dead body, (2) **inter-disciplinary**

The funeral director explained the process of how they **inter**

remains after cremation.

coffin

n. a box or container used to bury a dead body; a case or structure resembling a coffin

synonym: casket, box, chest

(1) **coffin** lid, (2) wooden **coffin**

The priest prayed over the **coffin** before it was lowered into the ground.

origin

n. the first existence or beginning of something

synonym: root, source, ancestor

(1) **origin** of information, (2) racial **origin**

There are various hypotheses concerning the **origin** of life.

brilliant

adj. extremely clever, skilled, or impressive

synonym: luminous, intelligent, clever

(1) **brilliant** idea, (2) **brilliant** performance

The more **brilliant** you are, the more people around you look at you with envy and jealousy.

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.

pursue

v. to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them

synonym: seek, hunt, chase

(1) **pursue** a goal, (2) **pursue** freedoms

She intends to **pursue** a political career.

defiance

n. behavior characterized by an open refusal to obey someone or something

synonym: disobedience, disregard, confrontation

(1) fierce **defiance**, (2) adopt an attitude of **defiance**
He acted in **defiance** of our decision.

enroll

v. to officially register or sign up for something, particularly a course of study, an organization, or a service

synonym: register, enlist, join

(1) **enroll** at a college, (2) **enroll** in a school

I need to **enroll** in a cooking class to improve my culinary skills.

institutionalize

v. to establish or make something a part of an institution (= a place such as a university, hospital, etc.)

synonym: formalize, establish, regularize

(1) **institutionalize** a system, (2) **institutionalize** customary laws

The new policy aims to **institutionalize** the use of renewable energy sources.

clandestine

adj. done or kept in secret, especially because it is illegal or not allowed

synonym: secret, hidden, covert

(1) non- **clandestine** expenses, (2) a **clandestine** location

The spy carried out the mission in a **clandestine** manner.

polish

n. a substance used to smooth or shine a surface; the act of smoothing or shining a surface

synonym: shine, buff, gloss

(1) **polish** finishing, (2) surface **polish**

I used a special **polish** to make my car's paint shine.

government

n. the group of people with authority to control a country or state

synonym: administration, regime, state

(1) **government** bureaucracy, (2) **government** funding

The federal **government** is planning to increase taxes for the next fiscal year.

eventually

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

synonym : finally, someday, ultimately

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

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

reputed

adj. widely believed to be a certain way or to have a certain quality, without necessarily being proven or confirmed; having a certain reputation or status based on hearsay or common belief

synonym : alleged, supposed, rumored

(1) **reputed** company, (2) **reputed** author

He was a **reputed** expert in his field, known for his groundbreaking research.

physics

n. the science of matter and energy and their interactions

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

He studied the **physics** of radiation.

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**.

degree

n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

synonym : level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

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.

largely

adv. virtually entirely; to a large degree

synonym : mainly, chiefly, broadly

(1) **largely** accepted, (2) **largely** mitigate the issue
Nevada is **largely** a desert state.

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.

starvation

n. a severe lack of food that leads to malnutrition and, ultimately, death

synonym : hunger, malnutrition, emaciation

(1) die of **starvation**, (2) **starvation** wages
The drought led to widespread **starvation** in the region.

physicist

n. a scientist who specializes in the field of physics

(1) talented **physicist**, (2) theoretical **physicist**
Einstein was an outstanding and famous **physicist** of the 20th century.

lab

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

synonym : workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**
The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

academic

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

synonym : educational, scholarly, theoretical

(1) **academic** probation, (2) an **academic** discussion
An excellent historian must possess an **academic** mentality.

- lorn** *adj.* feeling abandoned, neglected, or desolate; being in a state of mourning or bereavement
synonym: desolate, forsaken, abandoned
(1) **lorn** lover, (2) **lorn** soldier
She was left **lorn** and heartbroken after her long-term relationship ended.
- formidable** *adj.* causing fear, apprehension, or awe; difficult to deal with or overcome; capable of inspiring respect or admiration
synonym: daunting, intimidating, fearful
(1) **formidable** challenge, (2) **formidable** competitor
The mountain range was a **formidable** obstacle for the hikers.
- spark** *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
synonym: start, inspire, provoke
(1) **spark** his interest, (2) **spark** a chain reaction
The bankruptcy of the giant conglomerate **sparked** turmoil in the stock market.
- 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**.
- uranium** *n.* a chemical element with the symbol U, atomic number 92, that is a dense, silvery-white metal that is radioactive and is used as a fuel for nuclear power plants
synonym: U
(1) **uranium** mining, (2) radioactive **uranium** isotope
The mining and processing of **uranium** can lead to releasing radioactive materials into the environment.

spontaneously

adv. in a way that is natural, not planned or forced, and often sudden

synonym : impromptu, automatically, immediately

(1) recover **spontaneously** after five days, (2) this shift occurs **spontaneously**

The electrical cord **spontaneously** combusted.

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym : give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

mysterious

adj. difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement

synonym : enigmatic, cryptic, puzzling

(1) **mysterious** object, (2) **mysterious** stranger

The **mysterious** disappearance of the ship remains unsolved.

interact

v. to communicate or react with somebody

synonym : cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

photograph

n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

synonym : photo, picture, snapshot

(1) **photograph** album, (2) **photograph** memories

I found an old **photograph** of my grandparents from their wedding day.

thorium

n. a radioactive chemical element with the symbol Th and atomic number 90 that is silvery-white in color and is

used as fuel in some nuclear reactors

synonym: Th, radioactive element

(1) **thorium** deposit, (2) **thorium** reactor

Certain isotopes of **thorium** are used in medicine for treating liver cancer.

strength

n. the quality or state of being physically, or sometimes mentally, strong

synonym: resilience, power, muscles

(1) **strength** of the economy, (2) muscular **strength**

Health and **strength** are, above all, gold.

quantity

n. the amount or number of something; magnitude

synonym: abundance, portion, amount

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

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

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.

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.

fundamental

adj. forming an essential base or core from which everything else develops or is affected

synonym: basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights

Human behavior has **fundamental** characteristics.

atom

n. the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or

more electrons bound to the nucleus

synonym: particle, element, fraction

(1) oxygen **atom**, (2) neutral hydrogen **atoms**

The outermost electron shell of an **atom** determines its chemical characteristics.

radical

adj. relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions

synonym: extreme, revolutionary

(1) a **radical** flaw in the plan, (2) a **radical** cure

The government established by the coup was more **radical** than before.

disprove

v. to show that something is not true or correct

synonym: refute, discredit, invalidate

(1) **disprove** global warming, (2) **disprove** the conjecture

The researchers were unable to **disprove** the theory.

standing

adj. existing or remaining upright; having a vertical position;
(noun) social, financial, or professional status or reputation

synonym: upright, vertical, (noun) position

(1) **standing** water, (2) his social **standing**

The **standing** concert was packed with fans.

indivisible

adj. unable to be divided or separated; not subject to alteration or change

synonym: undividable, inseparable

(1) **indivisible** identity, (2) **indivisible** parts

Liberty and justice for all are **indivisible** concepts.

radioactive

adj. emitting powerful and dangerous energy when the nuclei (= central parts) of atoms are broken up

synonym: dangerous, contaminated, emanating

(1) **radioactive** decay, (2) **radioactive** isotope

The **radioactive** material was carefully stored in a lead-lined

container.

pitchblende

n. a brown to black mineral that is the main source of uranium and radium typically found in veins associated with certain types of radioactive ores

synonym: uraninite, uranium ore, uranophane

(1) **pitchblende** ore, (2) radium from **pitchblende**

The miners discovered a significant deposit of **pitchblende** in the deep shaft.

responsible

adj. answerable or accountable for something within one's power, control, or management

synonym: accountable, answerable, liable

(1) **responsible** action, (2) **responsible** for a customer service

She's a **responsible** pet owner who ensures her dog gets enough exercise and a healthy diet.

polonium

n. a highly radioactive chemical element with the symbol Po and atomic number 84 that belongs to the group of rare heavy metals, known for its high toxicity and is typically produced in nuclear reactors

synonym: Po

(1) **polonium** isotope, (2) **polonium** poisoning

The traces of **polonium** in the environment usually come from the decay of natural radioactive elements.

native

adj. connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place

synonym: endemic, domestic, aboriginal

(1) **native** to Africa, (2) **native** language

The vegetation here is almost wholly **native**.

radium

n. a radioactive chemical element with the symbol Ra and atomic number 88, often used in the treatment of some diseases such as cancer

synonym : Ra, radioactive material

(1) **radium** isotope, (2) **radium** decay

The medical field has found various applications for **radium** in cancer treatment.

ray

n. a narrow line of light, heat, or another form of energy

synonym : beam, light, glimmer

(1) opaque to X- **rays**, (2) effect of cosmic **rays**

Gamma **rays** penetrate body tissues and cause cell damage.

extract

n. a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

synonym : excerpt, quote, distillation

(1) a brief **extract** from the book, (2) botanical **extract**

Anesthetize the gum before **extracting** the teeth.

gram

n. a metric unit of weight equal to one-thousandth of a kilogram

(1) centimeter- **gram-second** system, (2) **gram** amount

How much is it per one hundred **grams**?

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.

chloride

n. a compound that is formed when the element chlorine is combined with another element, such as sodium, potassium, or calcium, and chloride ions are found in many types of salts and are important for bodily functions such as digestion and fluid balance

synonym : salt, halide, anion

(1) calcium **chloride**, (2) sodium **chloride**

The pool was closed due to high levels of **chloride**.

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

feat

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

synonym : achievement, accomplishment, exploit

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

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

nominate

v. to propose someone for a position, especially in politics or an organization, or some honor

synonym : appoint, designate, elect

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

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

overlook

v. to fail to notice something; to watch over someone; to provide a view from above

synonym : disregard, look down, supervise

(1) **overlook** a street, (2) **overlook** that fact

We cannot **overlook** an opportunity for great success.

recognition

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

synonym : acknowledgement, identification, credit

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

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

laureate

n. a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature

or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work

(1) Oscar **laureate**, (2) poet **laureate**

The Nobel **laureate** delivered an inspiring speech to the graduating class.

roll

v. to move in a particular direction by turning over and over or from side to side

synonym: spin, swirl, wheel

(1) **roll** a ball, (2) **roll** down his cheeks

He was exhausted and **rolled** into bed as soon as he got home.

tragedy

n. an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character

synonym: disaster, adversity, calamity

(1) a **tragedy** during work, (2) the aftermath of this **tragedy**
Macbeth is a famous **tragedy** by Shakespeare.

strike

v. to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon

synonym: hit, impact, influence

(1) **strike** up a conversation, (2) **strike** a blow

We **strike** to achieve more wages and safer working conditions.

crush

v. to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller

synonym: destroy, demolish, pulverize

(1) **crush** coffee beans, (2) **crush** a revolt

The car was completely **crushed** in the accident.

intersection

n. a point where two or more roads, lines, etc., cross each other

synonym : crossroad, junction, hub

(1) busy **intersection**, (2) the **intersection** of coordinate axes

Take a right turn at the next **intersection**.

devastate

v. to wreck a place or an area or cause significant damage

synonym : demolish, destroy, crush

(1) **devastate** an area, (2) **devastate** the economy

Earthquakes can also trigger tsunamis, which **devastate** coastal areas.

immerse

v. to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

synonym : dip, inundate, submerge

(1) **immerse** the cloth in the dye, (2) completely **immerse** the ingredient

He **immersed** himself in his research.

solo

adv. without anybody else or anything else; alone

synonym : alone

(1) a **solo** vocal recital, (2) a **solo** flight

I would love to **solo** camping someday.

chemistry

n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

(1) professor of **chemistry**, (2) the **chemistry** of soil

He is familiar with **chemistry** and biology.

analyze

v. to think about in-depth and evaluate to discover essential features or meaning

synonym : explore, examine, investigate

(1) **analyze** a chemical compound, (2) **analyze** your real motives

The teacher attempted to **analyze** the root cause of our

mistake.

compound

n. an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements

synonym: combination, mixture, blend

(1) aquatic **compound**, (2) harmful **compound**

Common salt is a sodium and chlorine **compound**.

landscape

n. an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

synonym: geography, terrain, topography

(1) a peaceful **landscape**, (2) **landscape** painting

Recent electoral shocks have shaken the political **landscape** in Europe.

medical

adj. relating to the treatment of illness or injuries; relating to the practice of medicine

synonym: health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment

The **medical** team worked quickly to save the patient's life.

radiology

n. the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries

synonym: medical imaging, radiography, radioscopy

(1) interventional **radiology**, (2) diagnostic **radiology**

The patient underwent a **radiology** scan to diagnose their medical condition.

investigate

v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

synonym: examine, analyze, look into

(1) **investigate** the matter, (2) **investigate** a data leak

The committee **investigated** several apparent

inconsistencies.

tumor

n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

synonym: neoplasm, mass, lump

(1) **tumor** growth, (2) **tumor** at remote sites

The patient was diagnosed with a **tumor** in her lung.

marrow

n. a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience

synonym: bone marrow, pith, center

(1) the **marrow** of a speech, (2) vegetable **marrow**

The soup was made with bone **marrow**, giving it a rich and savory flavor.

disease

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

synonym: illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

exposure

n. the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret

synonym: vulnerability, disclosure, uncovering

(1) a southern **exposure**, (2) the **exposure** of a fraud

The long **exposure** to the air tarnished the antique tableware.

revolutionary

adj. relating to or characterized by a complete or dramatic change

synonym: radical, innovative, groundbreaking

(1) **revolutionary** change, (2) enforce **revolutionary** justice

The **revolutionary** leader inspired others to join the fight for freedom and democracy.

groundwork

n. the basic or preparatory work or steps that provide a foundation for something

synonym : foundation, base, cornerstone

(1) **groundwork** foundation, (2) **groundwork** study

They laid the **groundwork** for the new project by conducting thorough research.

blazing

adj. burning and emitting intense heat and light; powerful and impressive

synonym : burning, fiery, scorching

(1) **blazing** fury, (2) **blazing** fire

The **blazing** sun beat down on the desert.

trail

n. a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind

synonym : footpath, track, course

(1) a warm **trail**, (2) follow the **trail**

The storm left a **trail** of destruction behind it.

oncology

n. the branch of medicine that deals with the study and treatment of tumors, especially malignancies

synonym : cancer treatment, study of tumors

(1) **oncology** center, (2) modern **oncology** treatment

The pharmaceutical company unveiled its latest breakthrough drug for the **oncology** market.

medicinal

adj. of or relating to the treatment or cure of disease

synonym : curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

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.

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.

unearth

v. to discover or bring to light something that is in the ground or was previously hidden or unknown

synonym: discover, uncover, expose

(1) **unearth** burial mound, (2) **unearth** a mystery

The detective **unearthed** a critical clue that led to the suspect's arrest.

Session 2: Spelling

- | | |
|--|---|
| 1. recover spo_____sly after five days | <i>adv.</i> in a way that is natural, not planned or forced, and often sudden |
| 2. a me_____l opinion | <i>adj.</i> relating to the treatment of illness or injuries; relating to the practice of medicine |
| 3. st___e up a conversation | <i>v.</i> to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon |
| 4. an_____e a chemical compound | <i>v.</i> to think about in-depth and evaluate to discover essential features or meaning |
| 5. in_____ct directly with customers | <i>v.</i> to communicate or react with somebody |
| 6. la_____pe painting | <i>n.</i> an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance |
| 7. for_____le competitor | <i>adj.</i> causing fear, apprehension, or awe; difficult to deal with or overcome; capable of inspiring respect or admiration |
| 8. theoretical ph_____st | <i>n.</i> a scientist who specializes in the field of physics |
| 9. this shift occurs spo_____sly | <i>adv.</i> in a way that is natural, not planned or forced, and often sudden |
| 10. the great di_____ry of the century | <i>n.</i> the act or process of finding information, a place, or an object, or learning about something that was previously not known |

ANSWERS: 1. spontaneously, 2. medical, 3. strike, 4. analyze, 5. interact, 6. landscape, 7. formidable, 8. physicist, 9. spontaneously, 10. discovery

11. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
12. sodium ch_____de *n.* a compound that is formed when the element chlorine is combined with another element, such as sodium, potassium, or calcium, and chloride ions are found in many types of salts and are important for bodily functions such as digestion and fluid balance
13. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
14. radium from pit_____de *n.* a brown to black mineral that is the main source of uranium and radium typically found in veins associated with certain types of radioactive ores
15. po_____um poisoning *n.* a highly radioactive chemical element with the symbol Po and atomic number 84 that belongs to the group of rare heavy metals, known for its high toxicity and is typically produced in nuclear reactors
16. 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
17. completely im_____e the ingredient *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

ANSWERS: 11. medicinal, 12. chloride, 13. responsible, 14. pitchblende, 15. polonium, 16. launch, 17. immerse

18. at inc_____le speed *adj.* unbelievable; enormous
19. aquatic co_____nd *n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
20. Oscar la_____te *n.* a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work
21. calcium ch_____de *n.* a compound that is formed when the element chlorine is combined with another element, such as sodium, potassium, or calcium, and chloride ions are found in many types of salts and are important for bodily functions such as digestion and fluid balance
22. laws of ph_____s *n.* the science of matter and energy and their interactions
23. in_____ct with one another *v.* to communicate or react with somebody
24. a cla_____ne location *adj.* done or kept in secret, especially because it is illegal or not allowed
25. inv_____te the matter *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
26. st_____ng water *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation

ANSWERS: 18. incredible, 19. compound, 20. laureate, 21. chloride, 22. physics, 23. interact, 24. clandestine, 25. investigate, 26. standing

27. diagnostic ra_____gy *n.* the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
28. surface po____h *n.* a substance used to smooth or shine a surface; the act of smoothing or shining a surface
29. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
30. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
31. 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
32. di_____ve the conjecture *v.* to show that something is not true or correct
33. na____e language *adj.* connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place
34. vegetable ma____w *n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
35. racial or____n *n.* the first existence or beginning of something

ANSWERS: 27. radiology, 28. polish, 29. lab, 30. fundamental, 31. nuclear, 32. disprove, 33. native, 34. marrow, 35. origin

36. fa__t memory *adj.* not strong, clear, or vigorous; slight or weak
37. passing gl_____e *n.* a brief or partial view; the act of seeing something or someone for a very short time or only partly
38. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
39. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
40. a sh____d for protecting against a bullet *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
41. a ra_____l flaw in the plan *adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
42. wa__e fees *v.* to give up or relinquish a claim or right voluntarily; to refrain from insisting on or enforcing a requirement or rule
43. ins_____ize a system *v.* to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
44. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
45. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

ANSWERS: 36. faint, 37. glimpse, 38. analyze, 39. feat, 40. shield, 41. radical, 42. waive, 43. institutionalize, 44. medical, 45. disease

46. pho_____ph album *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
47. interventional ra_____gy *n.* the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
48. sp__k his interest *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
49. fa__t aroma of roses *adj.* not strong, clear, or vigorous; slight or weak
50. poet la_____te *n.* a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work
51. the aftermath of this tr_____y *n.* an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
52. rad_____ve isotope *adj.* emitting powerful and dangerous energy when the nuclei (= central parts) of atoms are broken up

ANSWERS: 46. photograph, 47. radiology, 48. spark, 49. faint, 50. laureate, 51. tragedy, 52. radioactive

53. po____um isotope *n.* a highly radioactive chemical element with the symbol Po and atomic number 84 that belongs to the group of rare heavy metals, known for its high toxicity and is typically produced in nuclear reactors
54. ind_____le identity *adj.* unable to be divided or separated; not subject to alteration or change
55. 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
56. 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
57. in__r a dead body *v.* to bury or place a dead body in a tomb or grave; to temporarily detain or imprison someone; (prefix) between or among
58. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
59. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state
60. soil con_____ion *n.* the presence of something harmful or unwanted in a substance, material, or environment; the act of introducing harmful substances or materials into an environment or area

ANSWERS: 53. polonium, 54. indivisible, 55. barrier, 56. launch, 57. inter, 58. emit, 59. government, 60. contamination

61. gro_____rk foundation *n.* the basic or preparatory work or steps that provide a foundation for something
62. bl_____g fire *adj.* burning and emitting intense heat and light; powerful and impressive
63. co_____de a meeting *v.* to come to an end or close; to reach a judgment or opinion by reasoning
64. ur_____m mining *n.* a chemical element with the symbol U, atomic number 92, that is a dense, silvery-white metal that is radioactive and is used as a fuel for nuclear power plants
65. a g__r change lever *n.* a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose
66. en___l in a school *v.* to officially register or sign up for something, particularly a course of study, an organization, or a service
67. rev_____ary change *adj.* relating to or characterized by a complete or dramatic change
68. 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
69. a brief ex_____t from the book *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

ANSWERS: 61. groundwork, 62. blazing, 63. conclude, 64. uranium, 65. gear, 66. enroll, 67. revolutionary, 68. purity, 69. extract

70. cr__h a revolt *v.* to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller
71. a ra_____l cure *adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
72. centimeter-g__m-second system *n.* a metric unit of weight equal to one-thousandth of a kilogram
73. ra___m decay *n.* a radioactive chemical element with the symbol Ra and atomic number 88, often used in the treatment of some diseases such as cancer
74. a southern ex_____re *n.* the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret
75. r__l down his cheeks *v.* to move in a particular direction by turning over and over or from side to side
76. a heat sh___d *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
77. rec_____on award *n.* the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal
78. un_____h burial mound *v.* to discover or bring to light something that is in the ground or was previously hidden or unknown

ANSWERS: 70. crush, 71. radical, 72. gram, 73. radium, 74. exposure, 75. roll, 76. shield, 77. recognition, 78. unearth

79. un____h a mystery *v.* to discover or bring to light something that is in the ground or was previously hidden or unknown
80. busy int_____ion *n.* a point where two or more roads, lines, etc., cross each other
81. adopt an attitude of de____ce *n.* behavior characterized by an open refusal to obey someone or something
82. l__n soldier *adj.* feeling abandoned, neglected, or desolate; being in a state of mourning or bereavement
83. no____te government representatives *v.* to propose someone for a position, especially in politics or an organization, or some honor
84. 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
85. non-cla_____ne expenses *adj.* done or kept in secret, especially because it is illegal or not allowed
86. cr__h coffee beans *v.* to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller
87. the ch_____ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
88. na____e to Africa *adj.* connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place

ANSWERS: 79. unearth, 80. intersection, 81. defiance, 82. lorn, 83. nominate, 84. discovery, 85. clandestine, 86. crush, 87. chemistry, 88. native

89. opaque to X-r_ys *n.* a narrow line of light, heat, or another form of energy
90. a peaceful la_____pe *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
91. de___e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
92. muscular st_____th *n.* the quality or state of being physically, or sometimes mentally, strong
93. ra___m isotope *n.* a radioactive chemical element with the symbol Ra and atomic number 88, often used in the treatment of some diseases such as cancer
94. a ch_____al compound *adj.* relating to or connected with chemistry;
95. ins_____ize customary laws *v.* to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
96. enforce rev_____ary justice *adj.* relating to or characterized by a complete or dramatic change
97. tu__r at remote sites *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
98. nu_____r fusion *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

ANSWERS: 89. ray, 90. landscape, 91. degree, 92. strength, 93. radium, 94. chemical, 95. institutionalize, 96. revolutionary, 97. tumor, 98. nuclear

99. die of sta_____on *n.* a severe lack of food that leads to malnutrition and, ultimately, death
100. follow the tr__l *n.* a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind
101. effect of cosmic r_ys *n.* a narrow line of light, heat, or another form of energy
102. on_____gy center *n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
103. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
104. rad_____ve decay *adj.* emitting powerful and dangerous energy when the nuclei (= central parts) of atoms are broken up
105. re_____d author *adj.* widely believed to be a certain way or to have a certain quality, without necessarily being proven or confirmed; having a certain reputation or status based on hearsay or common belief
106. man_____pt of a book *n.* the original copy of a book, piece of music, etc. before it is printed
107. oxygen a__m *n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
108. sports g__r *n.* a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose

ANSWERS: 99. starvation, 100. trail, 101. ray, 102. oncology, 103. survive, 104. radioactive, 105. reputed, 106. manuscript, 107. atom, 108. gear

109. ov____ok that fact *v.* to fail to notice something; to watch over someone; to provide a view from above
110. la____y mitigate the issue *adv.* virtually entirely; to a large degree
111. la____y accepted *adv.* virtually entirely; to a large degree
112. l__n lover *adj.* feeling abandoned, neglected, or desolate; being in a state of mourning or bereavement
113. radioactive ur____m isotope *n.* a chemical element with the symbol U, atomic number 92, that is a dense, silvery-white metal that is radioactive and is used as a fuel for nuclear power plants
114. po___h finishing *n.* a substance used to smooth or shine a surface; the act of smoothing or shining a surface
115. inc____le amount *adj.* unbelievable; enormous
116. a s__o flight *adv.* without anybody else or anything else; alone
117. nuclear ph____s *n.* the science of matter and energy and their interactions
118. im____e the cloth in the dye *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
119. a momentary gl____e *n.* a brief or partial view; the act of seeing something or someone for a very short time or only partly

ANSWERS: 109. overlook, 110. largely, 111. largely, 112. lorn, 113. uranium, 114. polish, 115. incredible, 116. solo, 117. physics, 118. immerse, 119. glimpse

120. bl____g fury *adj.* burning and emitting intense heat and light; powerful and impressive
121. r__l a ball *v.* to move in a particular direction by turning over and over or from side to side
122. neutral hydrogen a__ms *n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
123. a good grounding in mat____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
124. di____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
125. fun____al rights *adj.* forming an essential base or core from which everything else develops or is affected
126. di____ve global warming *v.* to show that something is not true or correct
127. traditional me____al *adj.* of or relating to the treatment or cure of disease
128. no____te him for an award *v.* to propose someone for a position, especially in politics or an organization, or some honor
129. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
130. re____d company *adj.* widely believed to be a certain way or to have a certain quality, without necessarily being proven or confirmed; having a certain reputation or status based on hearsay or common belief

ANSWERS: 120. blazing, 121. roll, 122. atom, 123. mathematics, 124. disease, 125. fundamental, 126. disprove, 127. medicinal, 128. nominate, 129. lab, 130. reputed

131. st____th of the economy *n.* the quality or state of being physically, or sometimes mentally, strong
132. the ex____re of a fraud *n.* the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret
133. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
134. gov____nt funding *n.* the group of people with authority to control a country or state
135. talented ph____st *n.* a scientist who specializes in the field of physics
136. co____de that he is healthy *v.* to come to an end or close; to reach a judgment or opinion by reasoning
137. eve____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
138. the ma____w of a speech *n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
139. bachelor's de____e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
140. co____n lid *n.* a box or container used to bury a dead body; a case or structure resembling a coffin

ANSWERS: 131. strength, 132. exposure, 133. feat, 134. government, 135. physicist, 136. conclude, 137. eventually, 138. marrow, 139. degree, 140. coffin

141. sta_____on wages *n.* a severe lack of food that leads to malnutrition and, ultimately, death
142. mys_____us stranger *adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement
143. br_____nt idea *adj.* extremely clever, skilled, or impressive
144. ind_____le parts *adj.* unable to be divided or separated; not subject to alteration or change
145. harmful co_____nd *n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
146. st___e a blow *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
147. su_____e a plane crash *v.* to live or exist despite a dangerous event or period
148. or___n of information *n.* the first existence or beginning of something
149. sp__k a chain reaction *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
150. an ac_____ic discussion *adj.* associated with schools, colleges, and universities, especially studying and thinking, not with practical skills
151. pho_____ph memories *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

ANSWERS: 141. starvation, 142. mysterious, 143. brilliant, 144. indivisible, 145. compound, 146. strike, 147. survive, 148. origin, 149. spark, 150. academic, 151. photograph

152. fierce de_____ce *n.* behavior characterized by an open refusal to obey someone or something
153. mys_____us object *adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement
154. residual qu_____ty *n.* the amount or number of something; magnitude
155. de_____te an area *v.* to wreck a place or an area or cause significant damage
156. con_____ion levels *n.* the presence of something harmful or unwanted in a substance, material, or environment; the act of introducing harmful substances or materials into an environment or area
157. e__t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
158. inv_____te a data leak *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
159. g__m amount *n.* a metric unit of weight equal to one-thousandth of a kilogram
160. modern on_____gy treatment *n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
161. wooden co____n *n.* a box or container used to bury a dead body; a case or structure resembling a coffin
162. ov_____ok a street *v.* to fail to notice something; to watch over someone; to provide a view from above

ANSWERS: 152. defiance, 153. mysterious, 154. quantity, 155. devastate, 156. contamination, 157. emit, 158. investigate, 159. gram, 160. oncology, 161. coffin, 162. overlook

163. th____m deposit *n.* a radioactive chemical element with the symbol Th and atomic number 90 that is silvery-white in color and is used as fuel in some nuclear reactors
164. exposure to ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
165. toxic ch_____als *adj.* relating to or connected with chemistry;
166. a tr_____y during work *n.* an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
167. 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
168. 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
169. pu___e a goal *v.* to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them
170. pit_____de ore *n.* a brown to black mineral that is the main source of uranium and radium typically found in veins associated with certain types of radioactive ores

ANSWERS: 163. thorium, 164. radiation, 165. chemical, 166. tragedy, 167. barrier, 168. purity, 169. pursue, 170. pitchblende

171. th____m reactor *n.* a radioactive chemical element with the symbol Th and atomic number 90 that is silvery-white in color and is used as fuel in some nuclear reactors
172. wa__e the claim *v.* to give up or relinquish a claim or right voluntarily; to refrain from insisting on or enforcing a requirement or rule
173. ac____ic probation *adj.* associated with schools, colleges, and universities, especially studying and thinking, not with practical skills
174. res____le action *adj.* answerable or accountable for something within one's power, control, or management
175. mat____cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
176. electromagnetic ra____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
177. eve____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
178. ancient man____pt *n.* the original copy of a book, piece of music, etc. before it is printed
179. in__r-disciplinary *v.* to bury or place a dead body in a tomb or grave; to temporarily detain or imprison someone; (prefix) between or among
180. gro____rk study *n.* the basic or preparatory work or steps that provide a foundation for something

ANSWERS: 171. thorium, 172. waive, 173. academic, 174. responsible, 175. mathematics, 176. radiation, 177. eventually, 178. manuscript, 179. inter, 180. groundwork

181. br_____nt performance *adj.* extremely clever, skilled, or impressive
182. his social st_____ng *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
183. professor of ch_____ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
184. the int_____ion of coordinate axes *n.* a point where two or more roads, lines, etc., cross each other
185. joint rec_____on *n.* the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal
186. tu__r growth *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
187. a warm tr__l *n.* a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind
188. a s__o vocal recital *adv.* without anybody else or anything else; alone
189. half qu_____ty *n.* the amount or number of something; magnitude
190. for_____le challenge *adj.* causing fear, apprehension, or awe; difficult to deal with or overcome; capable of inspiring respect or admiration

ANSWERS: 181. brilliant, 182. standing, 183. chemistry, 184. intersection, 185. recognition, 186. tumor, 187. trail, 188. solo, 189. quantity, 190. formidable

191. de_____te the economy *v.* to wreck a place or an area or cause significant damage
192. en___l at a college *v.* to officially register or sign up for something, particularly a course of study, an organization, or a service
193. pu___e freedoms *v.* to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them
194. botanical ex_____t *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (*v.*) to obtain from something or to remove something by effort or force

ANSWERS: 191. devastate, 192. enroll, 193. pursue, 194. extract

Session 3: Fill in the Blanks

1. The patient underwent a _____ scan to diagnose their medical condition.
n. the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
2. The organization _____ her to be the next president.
v. to propose someone for a position, especially in politics or an organization, or some honor
3. The soup was made with bone _____ giving it a rich and savory flavor.
n. a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
4. 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
5. Gamma _____ penetrate body tissues and cause cell damage.
n. a narrow line of light, heat, or another form of energy
6. The _____ leader inspired others to join the fight for freedom and democracy.
adj. relating to or characterized by a complete or dramatic change
7. The electrical cord _____ combusted.
adv. in a way that is natural, not planned or forced, and often sudden

ANSWERS: 1. radiology, 2. nominated, 3. marrow, 4. launch, 5. rays, 6. revolutionary, 7. spontaneously

8. The bankruptcy of the giant conglomerate _____ turmoil in the stock market.
v. to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
9. I would love to _____ camping someday.
adv. without anybody else or anything else; alone
10. The corporation _____ dominated the entire tobacco business.
adv. finally, particularly after a long time or a lot of struggle, complications, and so on
11. Macbeth is a famous _____ by Shakespeare.
n. an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
12. The vegetation here is almost wholly _____.
adj. connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place
13. The widow of a deceased writer discovered an incomplete novel _____ in his room.
n. the original copy of a book, piece of music, etc. before it is printed
14. He was a _____ expert in his field, known for his groundbreaking research.
adj. widely believed to be a certain way or to have a certain quality, without necessarily being proven or confirmed; having a certain reputation or status based on hearsay or common belief
15. How much is it per one hundred _____
n. a metric unit of weight equal to one-thousandth of a kilogram

ANSWERS: 8. sparked, 9. solo, 10. eventually, 11. tragedy, 12. native, 13. manuscript, 14. reputed, 15. grams?

16. He studied the _____ of radiation.

n. the science of matter and energy and their interactions

17. I used a special _____ to make my car's paint shine.

n. a substance used to smooth or shine a surface; the act of smoothing or shining a surface

18. The firm has grown into a large _____ manufacturing.

adj. relating to or connected with chemistry;

19. The _____ material was carefully stored in a lead-lined container.

adj. emitting powerful and dangerous energy when the nuclei (= central parts) of atoms are broken up

20. Take a right turn at the next _____.

n. a point where two or more roads, lines, etc., cross each other

21. He has a flair for _____.

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

22. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.

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

23. The funeral director explained the process of how they _____ remains after cremation.

v. to bury or place a dead body in a tomb or grave; to temporarily detain or imprison someone; (prefix) between or among

ANSWERS: 16. physics, 17. polish, 18. chemical, 19. radioactive, 20. intersection, 21. mathematics, 22. lab, 23. inter

24. 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
25. He should _____ more with his colleagues.
- v.* to communicate or react with somebody
26. The medical field has found various applications for _____ in cancer treatment.
- n.* a radioactive chemical element with the symbol Ra and atomic number 88, often used in the treatment of some diseases such as cancer
27. She checked her _____ before embarking on the hike.
- n.* a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose
28. 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
29. Einstein was an outstanding and famous _____ of the 20th century.
- n.* a scientist who specializes in the field of physics
30. He is familiar with _____ and biology.
- n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
31. The government established by the coup was more _____ than before.
- adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions

ANSWERS: 24. purity, 25. interact, 26. radium, 27. gear, 28. discovery, 29. physicist, 30. chemistry, 31. radical

32. The drought led to widespread _____ in the region.
n. a severe lack of food that leads to malnutrition and, ultimately, death
33. Earthquakes can also trigger tsunamis, which _____ coastal areas.
v. to wreck a place or an area or cause significant damage
34. The _____ team worked quickly to save the patient's life.
adj. relating to the treatment of illness or injuries; relating to the practice of medicine
35. He acted in _____ of our decision.
n. behavior characterized by an open refusal to obey someone or something
36. The federal _____ is planning to increase taxes for the next fiscal year.
n. the group of people with authority to control a country or state
37. 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
38. He was given _____ for his outstanding work in the field of medicine.
n. the action or process of recognizing or being recognized, especially by remembering; an agreement that something is true or legal
39. Lead is an effective _____ against X-rays, gamma rays, and other harmful radiation.
n. a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
40. The traces of _____ in the environment usually come from the decay of natural radioactive elements.
n. a highly radioactive chemical element with the symbol Po and atomic number 84 that belongs to the group of rare heavy metals, known for its high toxicity and is typically produced in nuclear reactors

ANSWERS: 32. starvation, 33. devastate, 34. medical, 35. defiance, 36. government, 37. barrier, 38. recognition, 39. shield, 40. polonium

41. Our team caught a _____ of the world-class technique in this game.
n. a brief or partial view; the act of seeing something or someone for a very short time or only partly
42. Health and _____ are, above all, gold.
n. the quality or state of being physically, or sometimes mentally, strong
43. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.
n. a notable or impressive achievement, especially one that requires great skill or bravery
44. He was exhausted and _____ into bed as soon as he got home.
v. to move in a particular direction by turning over and over or from side to side
45. In southward, the average annual water _____ increases.
n. the amount or number of something; magnitude
46. The researchers were unable to _____ the theory.
v. to show that something is not true or correct
47. I need to _____ in a cooking class to improve my culinary skills.
v. to officially register or sign up for something, particularly a course of study, an organization, or a service
48. The _____ concert was packed with fans.
adj. existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation

ANSWERS: 41. glimpse, 42. strength, 43. feat, 44. rolled, 45. quantity, 46. disprove, 47. enroll, 48. standing

49. The _____ disappearance of the ship remains unsolved.

adj. difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement

50. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.

adj. answerable or accountable for something within one's power, control, or management

51. The _____ of the water supply led to widespread illness in the community.

n. the presence of something harmful or unwanted in a substance, material, or environment; the act of introducing harmful substances or materials into an environment or area

52. The _____ sun beat down on the desert.

adj. burning and emitting intense heat and light; powerful and impressive

53. The teacher attempted to _____ the root cause of our mistake.

v. to think about in-depth and evaluate to discover essential features or meaning

54. Her response revealed _____ idiocy.

adj. unbelievable; enormous

55. They laid the _____ for the new project by conducting thorough research.

n. the basic or preparatory work or steps that provide a foundation for something

56. The pharmaceutical company unveiled its latest breakthrough drug for the _____ market.

n. the branch of medicine that deals with the study and treatment of tumors, especially malignancies

ANSWERS: 49. mysterious, 50. responsible, 51. contamination, 52. blazing, 53. analyze, 54. incredible, 55. groundwork, 56. oncology

57. She received her _____ in psychology from the university.

- n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

58. 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

59. The car was completely _____ in the accident.

- v.* to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller

60. We cannot _____ an opportunity for great success.

- v.* to fail to notice something; to watch over someone; to provide a view from above

61. The mountain range was a _____ obstacle for the hikers.

- adj.* causing fear, apprehension, or awe; difficult to deal with or overcome; capable of inspiring respect or admiration

62. We _____ to achieve more wages and safer working conditions.

- v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon

63. He _____ himself in his research.

- v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

64. Human behavior has _____ characteristics.

- adj.* forming an essential base or core from which everything else develops or is affected

ANSWERS: 57. degree, 58. nuclear, 59. crushed, 60. overlook, 61. formidable, 62. strike, 63. immersed, 64. fundamental

65. The mining and processing of _____ can lead to releasing radioactive materials into the environment.
- n.* a chemical element with the symbol U, atomic number 92, that is a dense, silvery-white metal that is radioactive and is used as a fuel for nuclear power plants
66. The Nobel _____ delivered an inspiring speech to the graduating class.
- n.* a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work
67. The new policy aims to _____ the use of renewable energy sources.
- v.* to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
68. The doctor diagnosed him with a rare _____ that had no known cure.
- n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
69. She was left _____ and heartbroken after her long-term relationship ended.
- adj.* feeling abandoned, neglected, or desolate; being in a state of mourning or bereavement
70. The pool was closed due to high levels of _____.
- n.* a compound that is formed when the element chlorine is combined with another element, such as sodium, potassium, or calcium, and chloride ions are found in many types of salts and are important for bodily functions such as digestion and fluid balance

ANSWERS: 65. uranium, 66. laureate, 67. institutionalize, 68. disease, 69. lorn, 70. chloride

71. During the unloading, the container box _____ a clicking sound.
v. to give off or send out something such as light, heat, sound, gas, etc.
72. She intends to _____ a political career.
v. to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them
73. The homeowners decided to _____ the inspection fee for the interested buyers to make the sale smoother.
v. to give up or relinquish a claim or right voluntarily; to refrain from insisting on or enforcing a requirement or rule
74. Nevada is _____ a desert state.
adv. virtually entirely; to a large degree
75. There are various hypotheses concerning the _____ of life.
n. the first existence or beginning of something
76. The spy carried out the mission in a _____ manner.
adj. done or kept in secret, especially because it is illegal or not allowed
77. The priest prayed over the _____ before it was lowered into the ground.
n. a box or container used to bury a dead body; a case or structure resembling a coffin
78. The long _____ to the air tarnished the antique tableware.
n. the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret

ANSWERS: 71. emits, 72. pursue, 73. waive, 74. largely, 75. origin, 76. clandestine, 77. coffin, 78. exposure

79. The storm left a _____ of destruction behind it.

- n.* a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind

80. We _____ a cease-fire.

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

81. He tried every possible treatment, including chemotherapy and _____ therapy.

- n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health

82. I found an old _____ of my grandparents from their wedding day.

- n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

83. The detective _____ a critical clue that led to the suspect's arrest.

- v.* to discover or bring to light something that is in the ground or was previously hidden or unknown

84. The _____ properties of this herb have been known to help with various ailments.

- adj.* of or relating to the treatment or cure of disease

85. The more _____ you are, the more people around you look at you with envy and jealousy.

- adj.* extremely clever, skilled, or impressive

86. The committee _____ several apparent inconsistencies.

- v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

ANSWERS: 79. trail, 80. concluded, 81. radiation, 82. photograph, 83. unearthed, 84. medicinal, 85. brilliant, 86. investigated

87. The patient was diagnosed with a _____ in her lung.

n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

88. She heard a _____ nearly invisible scream.

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

89. These birds can only _____ in temperate climates.

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

90. Liberty and justice for all are _____ concepts.

adj. unable to be divided or separated; not subject to alteration or change

91. Common salt is a sodium and chlorine _____.

n. an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements

92. Anesthetize the gum before _____ the teeth.

n. a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

93. An excellent historian must possess an _____ mentality.

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

94. Certain isotopes of _____ are used in medicine for treating liver cancer.

n. a radioactive chemical element with the symbol Th and atomic number 90 that is silvery-white in color and is used as fuel in some nuclear reactors

ANSWERS: 87. tumor, 88. faint, 89. survive, 90. indivisible, 91. compound, 92. extracting, 93. academic, 94. thorium

95. The outermost electron shell of an _____ determines its chemical characteristics.
- n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
96. Recent electoral shocks have shaken the political _____ in Europe.
- n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
97. The miners discovered a significant deposit of _____ in the deep shaft.
- n.* a brown to black mineral that is the main source of uranium and radium typically found in veins associated with certain types of radioactive ores

ANSWERS: 95. atom, 96. landscape, 97. pitchblende