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Tim Harford: A powerful way to unleash your natural creativity | TED Talk

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

All Words

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Session 1: Word List

smackdown

n. a forceful or decisive defeat or rebuke, often delivered in an aggressive or confrontational manner

synonym : brawl, altercation, fight

(1) **smackdown** wrestling, (2) political **smackdown**

The wrestlers put on an intense **smackdown** during the championship match.

multitasking

n. the ability to do more than one task at the same time; the state of doing more than one task at the same time

synonym : juggling, multihandling, parallelism

(1) computer **multitasking**, (2) **multitasking** ability

She could finish all her work on time because of her **multitasking** skills.

attribute

v. to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

synonym : ascribe, blame, (noun) feature

(1) **attribute** the change to their marriage, (2) **attribute** directly to sales

He **attributes** the disappointing results to the economic downturn.

obvious

adj. easy to see, discover or understand

synonym : apparent, conspicuous, evident

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

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

tweet

n. a short, high sound made by a small bird; a message sent using Twitter, the social media application

synonym : peep, chirp, post (on Twitter)

(1) a chick's **tweet**, (2) his latest **tweets**

We could hear the **tweet** of baby birds.

argue

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

synonym : debate, dispute, quarrel

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

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

aim

v. to try or plan to get or achieve something

synonym : aspire, direct, target

(1) **aim** at a specific target, (2) **aim** to be a nurse

We **aim** for an overseas expansion.

remarkable

adj. worthy of attention because unusual or special

synonym : outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of knowledge

The election was a **remarkable** success for the Whigs.

empirical

adj. based on or verifiable by observation or experience rather than theory or pure logic

synonym : observational, experiential, factual

(1) **empirical** research, (2) **empirical** philosophy

The study's results were based on **empirical** evidence

gathered from extensive research.

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.

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**.

economics

n. the branch of social science that deals with the production, consumption, and transfer of goods and services

synonym: social science, finance, business

(1) welfare **economics**, (2) **economics** professor

His class will cover an introduction to agricultural **economics**.

relative

adj. considered and evaluated through comparison with something else

synonym: comparative, proximate, congeneric

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

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

photoelectric

adj. relating to the effects of light on electrically charged particles, particularly in the production of electricity or other forms of energy through the use of photovoltaic cells or photoelectric devices

synonym: photoemissive, photovoltaic, photoconductive

(1) **photoelectric** effect, (2) **photoelectric** emission

The **photoelectric** cells on the roof convert sunlight into energy for the building.

panel

n. a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

synonym: board, commission, discussion

(1) **panel** discussion, (2) cost of solar **panels**

A **panel** of economic advisers from the United States visited the country to help rebuild its economy.

introductory

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

synonym: beginning, preliminary, initial

(1) **introductory** biology text, (2) product **introductory** sale

The **introductory** class was designed to give students a basic understanding of the subject.

equation

n. the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign

(1) the **equation** of poverty with ignorance, (2) a chemical **equation**

In this class, you will learn how to solve quadratic **equations**.

simultaneously

adv. at the same time

synonym: concurrently, coincidentally, together

(1) **simultaneously** affected, (2) take several inputs **simultaneously**

Two students answered the teacher's question **simultaneously**.

demonstrate

v. to display something or give an exhibition to an interested audience

synonym: show, illustrate, display

(1) **demonstrate** a difference, (2) **demonstrate** mastery

How can you **demonstrate** that the earth is a sphere?

creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym: imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his subordinates more **creative**.

slow-motion

n. an effect in film-making whereby time appears to be slowed down

synonym: turtle's pace, slow-mo

(1) **slow-motion** movie, (2) frame-by-frame **slow-motion**

Baseball umpires often overturn decisions with **slow-motion** replay.

counterintuitive

adj. contrary to what common sense would suggest

synonym: unreasonable, paradoxical, nonsensical

(1) **counterintuitive** results, (2) **counterintuitive** behavior

The **counterintuitive** nature of quantum physics has been a source of confusion for scientists for decades.

backward

adv. at, to, or toward the direction or place that is behind or rear

synonym: back, rearward, in reverse

(1) walk **backward**, (2) **backward** angle

She falls over **backward** when she sees her mother-in-law.

mood

n. the way you feel at a particular time; an angry or impatient state of mind

synonym: mindset, disposition, temper

(1) the **mood** in a room, (2) in an ugly **mood**

His gaffe spoiled the **mood** of the dinner party.

lapse

n. a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of

time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended

synonym: break, failure, blunder

(1) **lapse** back into recession, (2) **lapse** in payment
I missed the deadline due to a **lapse** in my memory.

despair

n. the feeling that there is no hope and you cannot do anything to improve a difficult situation

synonym: dismay, anguish, misery

(1) **despair** at the future, (2) untold **despair**
His friend's death drove him to **despair**.

brilliantly

adv. in an intelligent, graceful, or skillful manner; very brightly or effectively

synonym: brightly, radiantly, excellently

(1) **brilliantly** executed, (2) **brilliantly** lit
He played the piano **brilliantly** at the concert.

psychology

n. the scientific study of mind and behavior

(1) **psychology** experiment, (2) **psychology** of crowd
She had a master's degree in **psychology**.

routine

n. a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program

synonym: habit, custom, procedure

(1) **routine** business, (2) a built-in diagnostic **routine**
She studies gardening on a **routine** basis.

emerge

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

synonym: arise, occur, appear

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

shift

n. a slight transition in position, direction, or trend
synonym: transition, change, modification

(1) Doppler **shift**, (2) major paradigm **shift**

Could you help me **shift** some furniture?

reclaim

v. to take back something previously lost, given, or paid, or ask to have it back

synonym: recoup, regain, retake

(1) **reclaim** a competitive position, (2) **reclaim** land from the sea

You may be entitled to **reclaim** some tax.

progression

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

synonym: advancement, development, evolution

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

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

ubiquitous

adj. being or existing everywhere at once

synonym: universal, omnipresent, everywhere

(1) **ubiquitous** computing, (2) **ubiquitous** across ecosystems

Sugar is **ubiquitous** in food.

context

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

synonym: background, setting, environment

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

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

clamber

v. to climb or move in an awkward, laborious, or ungraceful way, often using one's hands and feet

synonym: climb, scramble, crawl

(1) **clamber** up the ladder, (2) **clamber** over a boulder
I had to **clamber** over the rocks to reach the cave.

eureka

n. exclamation of triumph on discovering something;
realization or sudden insight

synonym: discovery, breakthrough, aha moment

(1) have a **eureka** moment, (2) shout "**eureka!**"
"**Eureka!**" he exclaimed, finally solving the problem.

wrestling

n. a sport in which two contestants grapple and try to throw
each other to the ground

synonym: grappling, fighting, brawling

(1) **wrestling** match, (2) arm **wrestling**
He had always been interested in sumo **wrestling** and
decided to try it.

flash

n. a sudden intense burst of radiant energy; a momentary
brightness

synonym: sparkle, gleam, glimmer

(1) a **flash** of lightning, (2) brilliant **flash**
These heavy rains caused **flash** floods on several islands.

displacement

n. the act of forcing someone or something to leave their
home or place of origin, especially as a result of conflict,
natural disaster, or manipulation

synonym: eviction, exile, exodus

(1) **displacement** camp, (2) a car with 1800 cc
displacement

The **displacement** of the residents was a consequence of
the construction of the new highway.

athlete

n. a person who competes in one or more sports that
involve physical strength, speed, or endurance

synonym: player, contestant, jock

(1) become a professional **athlete**, (2) high school **athletes**
His dream is to become an Olympic **athlete**.

random

adj. made, done, or happening without method, conscious decision, or any regular pattern

synonym : incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**

To find drunk drivers, police conduct **random** tests.

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.

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.

critic

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

synonym : pundit, analyst, attacker

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

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

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.

visual

adj. relating to seeing or sight

synonym : optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts
The building makes a remarkable **visual** impact.

fellow

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

synonym : buddy, mate, affiliate

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

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

substantially

adv. to a great extent or degree

synonym : considerably, essentially, largely

(1) the price went up **substantially**, (2) the house was **substantially** built

The proportion of female engineers has **substantially** increased.

diagnose

v. to determine or distinguish the nature of a problem or an illness through a careful analysis

synonym : identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans

This device is used to **diagnose** brain cancer and other tumors.

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.

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.

distinct

adj. noticeable from something else of a similar type

synonym: different, special, characteristic

(1) **distinct** difference, (2) **distinct** from each other

It is essential to keep these two issues **distinct**.

ophthalmology

n. the branch of medicine that deals with the anatomy, physiology, and diseases of the eye

synonym: eye care, optometry, eye medicine

(1) **ophthalmology** practice, (2) **ophthalmology** clinic

My grandfather had a problem with his eyes and went to an **ophthalmology** specialist.

intimidate

v. to make someone fearful or uneasy so that they will do something that you want them to do

synonym: frighten, threaten, terrify

(1) **intimidate** an opponent, (2) effectively **intimidate** a thief

The boss tried to **intimidate** his subordinate with threats.

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.

novel

n. an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

synonym: fiction, story, (adjective) innovative

(1) historical **novel**, (2) **novel** effect

The **novel** has largely gotten positive feedback.

nonfiction

n. a genre of literature that deals with the factual representation of real or historical events, people, or places; prose writing that presents or discusses true life events or experiences

synonym : fact, reality, truth

(1) **nonfiction** movie, (2) **nonfiction** account

This **nonfiction** book about the history of jazz is a must-read for music fans.

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.

commerce

n. the activity of buying and selling things, especially on a large scale

synonym : trade, transaction, dealings

(1) interstate **commerce**, (2) the local chamber of **commerce**

This company has invested heavily in Internet **commerce**.

stick

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

synonym : pierce, adhere, stay

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

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

instant

adj. happening immediately, with no delay

synonym : immediate, urgent, moment

(1) get **instant** access, (2) an **instant** reply

His pleasant face turned cold in an **instant**.

crossword

n. a word puzzle consisting of a grid of black and white squares and blanks into which words crossing vertically and horizontally are written according to clues

(1) do a **crossword** puzzle, (2) good at **crossword** puzzles

He sat frowning over a **crossword** puzzle.

puzzle

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

synonym : plight, maze, (verb) perplex

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

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

timescale

n. a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process

synonym : time frame, schedule, duration

(1) long- **timescale**, (2) realistic **timescale**

The **timescale** for completing the construction project is three years.

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.

fantasy

n. a fiction with a large amount of imagination in it; a pleasant situation that you imagine but that is unlikely to happen

synonym : fiction, illusion, fabrication

(1) **fantasy** novel, (2) confuse **fantasy** with reality

Composition by artificial intelligence is no longer a **fantasy**.

wizard

n. a person who is skilled in magic or a particular technical field

synonym : sorcerer, magician, alchemist

(1) a **wizard** at chess, (2) financial **wizard**

He was a **wizard** at solving complex mathematical equations.

stasis

n. a state of stillness or immobility, often used in a medical context to refer to a lack of change or progress in a condition or disease

synonym: stillness, inactivity, stagnation

(1) renal **stasis**, (2) **stasis** in development

The patient's **stasis** in the hospital was concerning to the doctors.

depression

n. a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market

synonym: recession, slump, despair

(1) the Great **Depression**, (2) the root problem of her **depression**

Depression symptoms might include a decrease in appetite and weight loss.

exciting

adj. causing a lot of interest or excitement

synonym: exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and unexpected.

opportune

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

synonym: suitable, timely, practical

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

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

miraculous

adj. very effective or lucky, or completely unexpected

synonym: amazing, astonishing, awesome

(1) a **miraculous** encounter, (2) go through a **miraculous** change

He made a **miraculous** recovery.

achievement

n. a thing that someone has accomplished, primarily through their effort and ability

synonym: accomplishment, attainment, triumph

(1) student **achievement**, (2) a remarkable **achievement**

This **achievement** has never been formally accepted.

exhausted

adj. extremely tired

synonym: drowsy, depleted, fatigued

(1) the **exhausted** food sources, (2) **exhausted** parents

The **exhausted** runner fell to the ground and gasped.

propose

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

synonym: suggest, offer, recommend

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

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

stimming

n. a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

synonym: self-stimulation, repetitive behaviors

(1) autistic **stimming**, (2) **stimming** therapy

Autistic children may engage in **stimming** behaviors, such as rocking or hand flapping, to self-regulate.

emission

n. the act of production or sending out gas, heat, light, etc.

synonym: emanation, radiation, discharge

(1) global **emissions** of greenhouse gases, (2) the **emission** of light

There are five distinct **emissions** at five unique wavelengths.

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.

laser

n. a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

synonym : beam, bar, ray

(1) **laser** printer, (2) pulse **laser**

The company holds patents on core components of **laser** jet printers.

theoretical

adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience

synonym : conceptual, conjectural, ideal

(1) **theoretical** models, (2) **theoretical** physicist

Absolute zero is the lowest **theoretical** temperature.

beam

n. a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source

synonym : ray, ray of light, shaft of light

(1) **beam** of light, (2) a structural **beam** of a building

The sun's **beam** shone through the window and illuminated the room.

imply

v. to indicate the truth or existence of something without referring to it

synonym : hint, indicate, denote

(1) **imply** a strong correlation, (2) **imply** the presence of alien

The salespeople speak in technical terms to **imply** that they are more knowledgeable than the customer.

universe

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

synonym : cosmos, macrocosm

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

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

static

adj. not moving or not capable of moving, not changing or not capable of changing

synonym : immobile, unchanging, fixed

(1) **static** electricity, (2) **static** website

The **static** image on the screen took a lot of work to make out.

expand

v. to increase or to make something greater in size, number, or importance

synonym : extend, grow, boost

(1) **expand** a lineup, (2) **expand** agricultural output

They hope to **expand** their business worldwide.

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.

overwhelming

adj. very great or intense; so powerful that you cannot fight or react against it

synonym : overpowering, astounding, amazing

(1) **overwhelming** majority, (2) an **overwhelming** victory

He has shown signs of uneasiness and **overwhelming** worry.

straight

adj. extending or moving in one direction without bending or curving; having no deviations

synonym : linear, honest, consecutive

(1) a **straight** line, (2) **straight** for two months
He was sick for five **straight** days.

practical

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

synonym : applicable, functional, realistic

(1) **practical** English, (2) gain **practical** experience
Her concept is highly **practical** and helpful.

choreograph

v. to compose a sequence of dance steps, often to music

(1) **choreograph** a stage performance, (2) exquisitely **choreographed**

He had **choreographed** the dance in this play himself.

blur

n. a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision

synonym : smudge, smear, fuzz

(1) **blur** image, (2) motion **blur**

The camera's focus was off, and the image was a **blur** of colors and shapes.

boundary

n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places

synonym : border, frontier, limitation

(1) geographical **boundary**, (2) the **boundary** between reality and fantasy

He wandered the **boundary** between life and death by gunfire.

genre

n. a particular type or style of literature, art, music, or film that involves a particular set of characteristics

synonym : type, category, style

(1) **genre** of music, (2) a literary **genre**

He is known for creating **genre-busting** paintings.

exclude

v. to deny someone or something enter to a place or taking part in an activity

synonym : expel, ban, bar

(1) **exclude** a newcomer, (2) **exclude** all other possibilities

The cost for the trip **excludes** food and beverages.

cardboard

n. a stiff, thick material made from compressed paper pulp used to make boxes and other packaging materials

synonym : corrugated board, paperboard

(1) **cardboard** box, (2) **cardboard** cutout

I made a **cardboard** box to store my winter clothes in.

toss

v. to throw something carelessly with a light motion

synonym : throw, sway

(1) **toss** a coin, (2) **toss** the bottle into a trash can

It would be best if you **tossed** out all those old magazines.

inspiration

n. something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity

synonym : motivation, drive, encouragement

(1) source of **inspiration**, (2) get **inspiration** from nature

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

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.

digital

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

synonym : numerical, computerized, cyber

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

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

equivalent

n. having the same value, quality, meaning, purpose, etc.
synonym : equal, counterpart, match

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

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

urge

v. to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist

synonym : push for, advise, (noun) impulse

(1) **urge** a total ban, (2) a sexual **urge**

The lobbyist **urged** Congress not to approve the measure.

embrace

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

synonym : grasp, hold tightly, accept

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

The woods **embrace** the house.

burning

adj. intense or scorching heat

synonym : scorching, blazing, smoldering

(1) **burning** desire, (2) **burning** passion

The fire spread rapidly, engulfing everything in its path in a **burning** inferno.

diagram

n. a simplified illustration of the appearance, structure, or workings of something

synonym : chart, figure, graph

(1) 3D **diagram**, (2) in a **diagram**

He is drawing a **diagram** illustrating how the equipment operates.

initially

adv. at the beginning; at first

synonym : originally, primarily, firstly

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

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

zoology

n. the scientific study of animals, including their classification, habits, behavior, physiology, and evolution

synonym: animal science, biology, zoography

(1) **zoology** book, (2) **zoology** professor

She's studying **zoology** at university and hopes to work at a zoo someday.

geology

n. a science that deals with the history of the earth as recorded in rocks

synonym: earth science

(1) bureau of **geology**, (2) local **geology**

He was a visiting **geology** professor at the University of Tokyo.

onboard

v. to become or make part of a team, group, or system; to install, activate, or begin using a piece of equipment or software; (adjective) included or integrated into a particular system, machine, or device

synonym: embark, aboard, on-load

(1) **onboard** the new employees, (2) **onboard** computer

The passengers were instructed to **onboard** the aircraft as quickly as possible so that the flight could depart on time.

naturalism

n. a philosophical belief that everything, including human behavior and cognition, can be explained solely by natural causes and laws

(1) **naturalism** in literature, (2) philosophical **naturalism**

The scientific method is often seen as an embodiment of **naturalism**, as it seeks to understand the natural world through observation and experimentation.

beagle

n. a small dog with a smooth coat, long ears, and a strong sense of smell, used for hunting hares

synonym: hound, dog, pup

(1) legal **beagle**, (2) **beagle** nose

His pet **beagle** sniffed at the ground, following the rabbit's trail.

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.

coral

n. a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry

(1) **coral** island, (2) **coral** ornament

She is wearing a **coral** necklace.

reef

n. a long chain or range of rocks or sand near the ocean's surface

(1) barrier **reef**, (2) coral **reefs**

The vessel ran aground on a **reef**.

synergy

n. the interaction of elements that, when combined, produce a total effect that is greater than the sum of the individual elements

synonym: cooperation, collaboration, partnership

(1) **synergy** collaboration, (2) **synergy** between businesses

The new software program was designed to increase productivity by promoting employee **synergy**.

process

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

synonym: procedure, method, system

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

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

complicated.

botany

n. the scientific study of plants

synonym: phytology, vegetation, horticulture

(1) **botany** professor, (2) geographical **botany**

The study of **botany** can also include the study of plant fossils and the history of plant evolution.

abandon

v. to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity

synonym: relinquish, leave behind, disregard

(1) **abandon** a friend, (2) **abandon** the practice

The castle was **abandoned** several years later.

earthworm

n. a common type of worm that lives in soil

synonym: angleworm, wiggler, crawler

(1) **earthworm** type robot, (2) trample an **earthworm**

We fed the birds daily with insects and **earthworms**.

transmute

v. to change or convert from one form or substance to another, often in a transformative or profound way

synonym: transform, convert, change

(1) **transmute** energy, (2) **transmute** struggle into growth

Some alchemists believed in the ability to **transmute** base metals into gold.

economical

adj. providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary

synonym: frugal, thrifty, parsimonious

(1) **economical** use of her time, (2) an **economical** meal

It is more **economical** to wash your plastic bottle and reuse it.

evolve

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

synonym: develop, mature, grow

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

survival

n. the state of continuing to exist or live, frequently in the face of difficulty or danger

synonym: endurance, continuity

(1) **survival** ability, (2) **survival** food

He evaluated his chances for **survival** rather pessimistically.

evolution

n. a gradual process of transformation of living things

synonym: elaboration, expansion, transition

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

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

experiment

n. the scientific test conducted to observe what happens and gain new knowledge

synonym: experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.

observe

v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

synonym: watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym: evolve, progress, advance

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

We must **develop** a new system to streamline our workflow

and increase efficiency.

infant

n. a baby or very young child

synonym: baby, newborn, tot

(1) **infant** daughter, (2) **infant** food

Mozart was an **infant** prodigy.

immediately

adv. now or without delay

synonym: directly, instantly, promptly

(1) **immediately** recall a product, (2) write him an answer

immediately

A suspension order from the court is effective **immediately**.

taxonomy

n. the classification or scientific study of organisms, including their relationships to each other, based on shared characteristics and traits; a system of organizing and categorizing information in a particular field or subject area

synonym: classification, categorization, hierarchy

(1) **taxonomy** system, (2) biological **taxonomy**

The **taxonomy** of insects is incredibly complex due to the huge number of species.

barnacle

n. a type of crustacean that attaches itself to hard surfaces underwater, such as rocks, ships, or docks; a metaphorical term used to describe a person or object that is difficult to remove or separate from another person or object

synonym: cirripede, shellfish, crustacean

(1) **barnacle** growth, (2) **barnacle** removal

The bottom of the boat was covered in **barnacles**, slowing its speed in the water.

descent

n. the act or process of moving downward; a person's family origins

synonym: fall, drop, family

(1) **descent** from nobility, (2) **descent** of family

The **descent** from the mountain was steep and rocky.

controversial

adj. causing a lot of hot public discussion and dispute
synonym : contentious, disputed, questionable

(1) **controversial** book, (2) **controversial** policy

The issue of the death penalty is highly **controversial**.

inspire

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

synonym : boost, encourage, enlighten

(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel

The unique style of this martial arts **inspired** many action film producers.

crawl

v. to move forward slowly, as people or animals with their bodies near the ground

synonym : creep, drag

(1) **crawl** across the floor, (2) **crawl** away from a car

Along the gravel roads, sizeable yellow school buses **crawl**.

billiards

n. a game played on a large table with cues and balls, where players use a cue stick to strike the balls and score points by hitting them into pockets or against each other

(1) **billiards** clubs, (2) **billiards** table

The **billiards** room in the mansion was large and lavishly decorated.

poke

v. to push or prod with a sharp object or the finger

synonym : prod, jab, push

(1) **poke** around the desk, (2) **poke** a fire

They **poked** fun at each other's jokes, laughing and teasing.

chew

v. to crush or grind something, especially food, with the teeth and then swallow it

synonym : masticate, crush, grind

(1) **chew** each word, (2) **chew** a stick of gum
My dog loves to **chew** on bones.

tobacco

n. a plant grown for its leaves, which are dried and processed for smoking or chewing or extraction of nicotine

synonym: smoking, nicotine, cigar

(1) **tobacco** industry, (2) a mild **tobacco**

Tobacco product is a leading cause of preventable deaths worldwide.

bassoon

n. a musical instrument of the woodwind family, similar to a large oboe, with a narrow conical bore and a double reed

synonym: fagotto, contrabassoon

(1) a tenor **bassoon**, (2) **bassoon** reed

The **bassoon** player was the only one who could hit that low note.

anxious

adj. worried and nervous

synonym: nervous, uneasy, afraid

(1) **anxious** about his health, (2) an **anxious** look

He cast **anxious** glances behind her.

reception

n. the act of receiving or the state of being received, especially warmly or kindly; a formal party of people

synonym: welcome, greeting, party

(1) a cold **reception**, (2) **reception** desk

The wedding **reception** was held in the grand ballroom of the hotel.

relax

v. to become or cause someone to become less active or tense and calmer

synonym: soften, comfort, soothe

(1) **relax** a series of muscles, (2) **relax** at home

The rules were **relaxed** after the new executive arrived.

intense

adj. (especially of a feeling) very strong; extremely sharp or severe

synonym: extreme, fierce, harsh

(1) **intense** heat, (2) develop **intense** itching

That statement by the prime minister drew **intense** international criticism.

appropriate

adj. suitable or proper in the circumstances; fitting

synonym: fitting, suitable, proper

(1) **appropriate** behavior, (2) an **appropriate** time

It would be **appropriate** to dress nicely for the wedding.

formation

n. the way something is created naturally or the way it has been arranged

synonym: establishment, organization, creation

(1) a rock **formation**, (2) **formation** flight

Character **formation** is one of the goals of education.

mold

n. a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

synonym: cavity, cast, mildew

(1) a casting **mold**, (2) **mold** allergy

Mushrooms and **mold** are fungi.

modern

adj. of or belonging to the present time or recent times

synonym: contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society

Their headquarters are in a **modern** skyscraper.

twitch

v. to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body

synonym: spasm, jerk, flinch

(1) **twitch** at his sleeve, (2) **twitch** of an eye

She couldn't stop her leg from **twitching** nervously.

browse

v. to shop around in a leisurely and casual way; to look through a book, magazine, Internet, etc., casually and randomly, without seeking anything in particular; (of an animal) to feed on plants

synonym : look around, look through, scan

(1) **browse** a website, (2) **browse** through the text

We **browsed** in a souvenir shop.

hermit

n. a person who lives alone or in seclusion from society, typically for religious or spiritual reasons; a person who avoids social interactions or seeks solitude

synonym : recluse, solitary, anchorite

(1) **hermit** lifestyle, (2) mountain **hermit**

The **hermit-monk** spent his entire life in solitary contemplation, far from the world's hustle.

exclusion

n. the act of keeping someone or something out or preventing them from participating in or being part of something

synonym : omission, isolation, bar

(1) gender **exclusion**, (2) **exclusion** criteria

The policy of **exclusion** has caused significant harm to marginalized communities.

dilemma

n. a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones

synonym : difficulty, plight, predicament

(1) chicken-and-egg **dilemma**, (2) be in a **dilemma**

The choice between bureaucracy and adhococracy represents a common **dilemma**.

unleash

v. to suddenly release a strong force, emotion, etc. that cannot be controlled

synonym : discharge, free, release

(1) **unleash** a hound, (2) **unleash** her anger

The general was still reluctant to **unleash** his troops in pursuit of an enemy.

Session 2: Spelling

- | | |
|-------------------------------------|--|
| 1. psy_____gy experiment | <i>n.</i> the scientific study of mind and behavior |
| 2. st___s in development | <i>n.</i> a state of stillness or immobility, often used in a medical context to refer to a lack of change or progress in a condition or disease |
| 3. mat_____cs competition | <i>n.</i> the science dealing with the logic of quantities, shapes, spaces, and arrangement |
| 4. ro___t fuel | <i>n.</i> 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 |
| 5. di_____ct from each other | <i>adj.</i> noticeable from something else of a similar type |
| 6. a built-in diagnostic ro_____e | <i>n.</i> a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program |
| 7. ex_____ed parents | <i>adj.</i> extremely tired |
| 8. c__w a stick of gum | <i>v.</i> to crush or grind something, especially food, with the teeth and then swallow it |
| 9. the m__d in a room | <i>n.</i> the way you feel at a particular time; an angry or impatient state of mind |
| 10. re_____m a competitive position | <i>v.</i> to take back something previously lost, given, or paid, or ask to have it back |
| 11. a me_____l opinion | <i>adj.</i> relating to the treatment of illness or injuries; relating to the practice of medicine |

ANSWERS: 1. psychology, 2. stasis, 3. mathematics, 4. rocket, 5. distinct, 6. routine, 7. exhausted, 8. chew, 9. mood, 10. reclaim, 11. medical

12. ex_____on criteria *n.* the act of keeping someone or something out or preventing them from participating in or being part of something
13. a di_____l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
14. mountain he____t *n.* a person who lives alone or in seclusion from society, typically for religious or spiritual reasons; a person who avoids social interactions or seeks solitude
15. dis_____ent camp *n.* the act of forcing someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation
16. ev____e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
17. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
18. cost of solar pa__ls *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

ANSWERS: 12. exclusion, 13. digital, 14. hermit, 15. displacement, 16. evolve, 17. develop, 18. panel

19. chicken-and-egg di____a *n.* a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones
20. an app_____te time *adj.* suitable or proper in the circumstances; fitting
21. im__y a strong correlation *v.* to indicate the truth or existence of something without referring to it
22. cou_____ive results *adj.* contrary to what common sense would suggest
23. mo___n poetry *adj.* of or belonging to the present time or recent times
24. re_____m land from the sea *v.* to take back something previously lost, given, or paid, or ask to have it back
25. he___t lifestyle *n.* a person who lives alone or in seclusion from society, typically for religious or spiritual reasons; a person who avoids social interactions or seeks solitude
26. on_____d computer *v.* to become or make part of a team, group, or system; to install, activate, or begin using a piece of equipment or software; (adjective) included or integrated into a particular system, machine, or device
27. financial wi___d *n.* a person who is skilled in magic or a particular technical field
28. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
29. non_____on movie *n.* a genre of literature that deals with the factual representation of real or historical events, people, or places; prose writing that presents or discusses true life events or experiences

ANSWERS: 19. dilemma, 20. appropriate, 21. imply, 22. counterintuitive, 23. modern, 24. reclaim, 25. hermit, 26. onboard, 27. wizard, 28. progression, 29. nonfiction

30. in_____e heat *adj.* (especially of a feeling) very strong; extremely sharp or severe
31. imm_____ly recall a product *adv.* now or without delay
32. gain pr_____al experience *adj.* of or connected with actual use or real situation rather than with theory and ideas
33. ab_____n a friend *v.* to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity
34. ex_____d agricultural output *v.* to increase or to make something greater in size, number, or importance
35. br_____nt performance *adj.* extremely clever, skilled, or impressive
36. get in_____t access *adj.* happening immediately, with no delay
37. in an ugly m__d *n.* the way you feel at a particular time; an angry or impatient state of mind
38. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
39. app_____te behavior *adj.* suitable or proper in the circumstances; fitting
40. la__e back into recession *n.* a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended
41. to_____o industry *n.* a plant grown for its leaves, which are dried and processed for smoking or chewing or extraction of nicotine

ANSWERS: 30. intense, 31. immediately, 32. practical, 33. abandon, 34. expand, 35. brilliant, 36. instant, 37. mood, 38. eventually, 39. appropriate, 40. lapse, 41. tobacco

42. long-ti_____le *n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process
43. an an_____s look *adj.* worried and nervous
44. ev____e *v.* to develop gradually, or to cause the development of something or someone gradually
45. u__e a total ban *v.* to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist
46. gender ex_____on *n.* the act of keeping someone or something out or preventing them from participating in or being part of something
47. 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
48. di_____ct difference *adj.* noticeable from something else of a similar type
49. ea_____rm type robot *n.* a common type of worm that lives in soil
50. ar__e passionately *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

ANSWERS: 42. timescale, 43. anxious, 44. evolve, 45. urge, 46. exclusion, 47. rocket, 48. distinct, 49. earthworm, 50. argue

51. an eco_____al meal *adj.* providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary
52. a cold re_____on *n.* the act of receiving or the state of being received, especially warmly or kindly; a formal party of people
53. cou_____ive behavior *adj.* contrary to what common sense would suggest
54. computer mul_____ing *n.* the ability to do more than one task at the same time; the state of doing more than one task at the same time
55. product int_____ory sale *adj.* intended as an introduction or preliminary; serving as a base or starting point
56. an ove_____ing victory *adj.* very great or intense; so powerful that you cannot fight or react against it
57. p__e a fire *v.* to push or prod with a sharp object or the finger
58. su_____al food *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
59. a remote re_____ve *adj.* considered and evaluated through comparison with something else
60. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
61. geographical bo_____ry *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
62. fo_____on flight *n.* the way something is created naturally or the way it has been arranged

ANSWERS: 51. economical, 52. reception, 53. counterintuitive, 54. multitasking, 55. introductory, 56. overwhelming, 57. poke, 58. survival, 59. relative, 60. progression, 61. boundary, 62. formation

63. ob____e a tradition *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
64. 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
65. ab_____n the practice *v.* to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity
66. t__s the bottle into a trash can *v.* to throw something carelessly with a light motion
67. in_____e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
68. a remarkable ach_____nt *n.* a thing that someone has accomplished, primarily through their effort and ability
69. a rock fo_____on *n.* the way something is created naturally or the way it has been arranged
70. ubi_____us across ecosystems *adj.* being or existing everywhere at once
71. historical no__l *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
72. st_____ht for two months *adj.* extending or moving in one direction without bending or curving; having no deviations

ANSWERS: 63. observe, 64. radiation, 65. abandon, 66. toss, 67. inspire, 68. achievement, 69. formation, 70. ubiquitous, 71. novel, 72. straight

73. a ra___m choice *adj.* made, done, or happening without method, conscious decision, or any regular pattern
74. em___e from poverty *v.* to move out of or away from something and become visible
75. an____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
76. re_____on desk *n.* the act of receiving or the state of being received, especially warmly or kindly; a formal party of people
77. zo_____y professor *n.* the scientific study of animals, including their classification, habits, behavior, physiology, and evolution
78. un_____h a hound *v.* to suddenly release a strong force, emotion, etc. that cannot be controlled
79. high school at_____es *n.* a person who competes in one or more sports that involve physical strength, speed, or endurance
80. in___t daughter *n.* a baby or very young child
81. re__x a series of muscles *v.* to become or cause someone to become less active or tense and calmer
82. em_____al philosophy *adj.* based on or verifiable by observation or experience rather than theory or pure logic
83. rem_____le achievement *adj.* worthy of attention because unusual or special
84. political sm_____wn *n.* a forceful or decisive defeat or rebuke, often delivered in an aggressive or confrontational manner

ANSWERS: 73. random, 74. emerge, 75. analyze, 76. reception, 77. zoology, 78. unleash, 79. athlete, 80. infant, 81. relax, 82. empirical, 83. remarkable, 84. smackdown

85. cr__l across the floor *v.* to move forward slowly, as people or animals with their bodies near the ground
86. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
87. 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
88. 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
89. a casting m__d *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
90. develop in_____e itching *adj.* (especially of a feeling) very strong; extremely sharp or severe
91. a st_____ht line *adj.* extending or moving in one direction without bending or curving; having no deviations

ANSWERS: 85. crawl, 86. process, 87. photograph, 88. atom, 89. mold, 90. intense, 91. straight

92. non_____on account *n.* a genre of literature that deals with the factual representation of real or historical events, people, or places; prose writing that presents or discusses true life events or experiences
93. a structural b__m of a building *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
94. bu_____g desire *adj.* intense or scorching heat
95. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
96. pho_____ric effect *adj.* relating to the effects of light on electrically charged particles, particularly in the production of electricity or other forms of energy through the use of photovoltaic cells or photoelectric devices
97. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
98. the_____al physicist *adj.* relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience

ANSWERS: 92. nonfiction, 93. beam, 94. burning, 95. eventually, 96. photoelectric, 97. process, 98. theoretical

99. human ev_____on *n.* a gradual process of transformation of living things
100. ta_____my system *n.* the classification or scientific study of organisms, including their relationships to each other, based on shared characteristics and traits; a system of organizing and categorizing information in a particular field or subject area
101. good at cr_____rd puzzles *n.* a word puzzle consisting of a grid of black and white squares and blanks into which words crossing vertically and horizontally are written according to clues
102. be____e nose *n.* a small dog with a smooth coat, long ears, and a strong sense of smell, used for hunting hares
103. bri_____ly executed *adv.* in an intelligent, graceful, or skillful manner; very brightly or effectively
104. pre-mo____n agricultural society *adj.* of or belonging to the present time or recent times
105. philosophical nat_____sm *n.* a philosophical belief that everything, including human behavior and cognition, can be explained solely by natural causes and laws
106. legal co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
107. motion b__r *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision

ANSWERS: 99. evolution, 100. taxonomy, 101. crossword, 102. beagle, 103. brilliantly, 104. modern, 105. naturalism, 106. context, 107. blur

108. ubi_____us computing *adj.* being or existing everywhere at once
109. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
110. co__l ornament *n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
111. p__e around the desk *v.* to push or prod with a sharp object or the finger
112. a sexual u__e *v.* to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist
113. coral r__fs *n.* a long chain or range of rocks or sand near the ocean's surface
114. 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
115. 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
116. junior fe___w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
117. frame-by-frame slo_____on *n.* an effect in film-making whereby time appears to be slowed down
118. a mild to_____o *n.* a plant grown for its leaves, which are dried and processed for smoking or chewing or extraction of nicotine

ANSWERS: 108. ubiquitous, 109. medical, 110. coral, 111. poke, 112. urge, 113. reef, 114. atom, 115. disease, 116. fellow, 117. slow-motion, 118. tobacco

119. take several inputs sim_____sly *adv.* at the same time
120. r__l a ball *v.* to move in a particular direction by turning over and over or from side to side
121. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
122. ex_____ng football player *adj.* causing a lot of interest or excitement
123. severe cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
124. a warm em_____e *v.* to accept something willingly and enthusiastically; (noun) the act of clasping another person in the arms as in greeting or affection
125. bureau of ge_____y *n.* a science that deals with the history of the earth as recorded in rocks
126. 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
127. a chemical eq_____on *n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
128. racial or____n *n.* the first existence or beginning of something

ANSWERS: 119. simultaneously, 120. roll, 121. opportune, 122. exciting, 123. critic, 124. embrace, 125. geology, 126. photograph, 127. equation, 128. origin

129. ba____le growth *n.* a type of crustacean that attaches itself to hard surfaces underwater, such as rocks, ships, or docks; a metaphorical term used to describe a person or object that is difficult to remove or separate from another person or object
130. a good grounding in mat_____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
131. the eq____on of poverty with ignorance *n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
132. di_____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
133. barrier r__f *n.* a long chain or range of rocks or sand near the ocean's surface
134. de_____r at the future *n.* the feeling that there is no hope and you cannot do anything to improve a difficult situation
135. em_____e an opportunity *v.* to accept something willingly and enthusiastically; (noun) the act of clasping another person in the arms as in greeting or affection
136. ca_____rd cutout *n.* a stiff, thick material made from compressed paper pulp used to make boxes and other packaging materials
137. global em_____ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.

ANSWERS: 129. barnacle, 130. mathematics, 131. equation, 132. diagnose, 133. reef, 134. despair, 135. embrace, 136. cardboard, 137. emission

138. a mir_____us encounter *adj.* very effective or lucky, or completely unexpected
139. eco_____al use of her time *adj.* providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary
140. ev_____on theory *n.* a gradual process of transformation of living things
141. realistic ti_____le *n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process
142. his conclusion was ob_____s *adj.* easy to see, discover or understand
143. the ex_____ed food sources *adj.* extremely tired
144. a chick's tw__t *n.* a short, high sound made by a small bird; a message sent using Twitter, the social media application
145. walk ba_____rd *adv.* at, to, or toward the direction or place that is behind or rear
146. bri_____ly lit *adv.* in an intelligent, graceful, or skillful manner; very brightly or effectively
147. ca_____rd box *n.* a stiff, thick material made from compressed paper pulp used to make boxes and other packaging materials
148. ge__e of music *n.* a particular type or style of literature, art, music, or film that involves a particular set of characteristics

ANSWERS: 138. miraculous, 139. economical, 140. evolution, 141. timescale, 142. obvious, 143. exhausted, 144. tweet, 145. backward, 146. brilliantly, 147. cardboard, 148. genre

149. ex_____e a newcomer *v.* to deny someone or something enter to a place or taking part in an activity
150. psy_____gy of crowd *n.* the scientific study of mind and behavior
151. ob_____e wildlife *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
152. st___c electricity *adj.* not moving or not capable of moving, not changing or not capable of changing
153. cl_____r over a boulder *v.* to climb or move in an awkward, laborious, or ungraceful way, often using one's hands and feet
154. Doppler sh__t *n.* a slight transition in position, direction, or trend
155. local ge_____y *n.* a science that deals with the history of the earth as recorded in rocks
156. ar__e a case *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
157. re__x at home *v.* to become or cause someone to become less active or tense and calmer
158. ob_____s reasons *adj.* easy to see, discover or understand
159. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 149. exclude, 150. psychology, 151. observe, 152. static, 153. clamber, 154. shift, 155. geology, 156. argue, 157. relax, 158. obvious, 159. develop

160. in_____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
161. wr_____ng match *n.* a sport in which two contestants grapple and try to throw each other to the ground
162. exquisitely cho_____phed *v.* to compose a sequence of dance steps, often to music
163. or____n of information *n.* the first existence or beginning of something
164. un_____h her anger *v.* to suddenly release a strong force, emotion, etc. that cannot be controlled
165. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
166. pa__l discussion *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
167. the em_____on of light *n.* the act of production or sending out gas, heat, light, etc.
168. the local chamber of co_____ce *n.* the activity of buying and selling things, especially on a large scale
169. b__r image *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
170. br_____e a website *v.* to shop around in a leisurely and casual way; to look through a book, magazine, Internet, etc., casually and randomly, without seeking anything in particular; (of an animal) to feed on plants

ANSWERS: 160. inspire, 161. wrestling, 162. choreograph, 163. origin, 164. unleash, 165. analyze, 166. panel, 167. emission, 168. commerce, 169. blur, 170. browse

171. shout "eu___a!" *n.* exclamation of triumph on discovering something; realization or sudden insight
172. an___s about his health *adj.* worried and nervous
173. field of vi___l arts *adj.* relating to seeing or sight
174. a literary ge___e *n.* a particular type or style of literature, art, music, or film that involves a particular set of characteristics
175. im___y the presence of alien *v.* to indicate the truth or existence of something without referring to it
176. in_____ly anticipated *adv.* at the beginning; at first
177. major paradigm sh___t *n.* a slight transition in position, direction, or trend
178. equ_____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
179. em_____al research *adj.* based on or verifiable by observation or experience rather than theory or pure logic
180. a fl___h of lightning *n.* a sudden intense burst of radiant energy; a momentary brightness
181. geographical bo___y *n.* the scientific study of plants
182. fa_____y novel *n.* a fiction with a large amount of imagination in it; a pleasant situation that you imagine but that is unlikely to happen
183. fire st___k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

ANSWERS: 171. eureka, 172. anxious, 173. visual, 174. genre, 175. imply, 176. initially, 177. shift, 178. equivalent, 179. empirical, 180. flash, 181. botany, 182. fantasy, 183. stick

184. m__d allergy *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
185. barren of cr____ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
186. his latest tw__ts *n.* a short, high sound made by a small bird; a message sent using Twitter, the social media application
187. interstate co____ce *n.* the activity of buying and selling things, especially on a large scale
188. con_____ial book *adj.* causing a lot of hot public discussion and dispute
189. r__l down his cheeks *v.* to move in a particular direction by turning over and over or from side to side
190. b__m of light *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
191. get ins_____on from nature *n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
192. ec_____cs professor *n.* the branch of social science that deals with the production, consumption, and transfer of goods and services

ANSWERS: 184. mold, 185. creative, 186. tweet, 187. commerce, 188. controversial, 189. roll, 190. beam, 191. inspiration, 192. economics

193. at_____te directly to sales *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;
194. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
195. la__e in payment *n.* a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended
196. di_____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
197. sm_____wn wrestling *n.* a forceful or decisive defeat or rebuke, often delivered in an aggressive or confrontational manner
198. do a cr_____rd puzzle *n.* a word puzzle consisting of a grid of black and white squares and blanks into which words crossing vertically and horizontally are written according to clues
199. pho_____ric emission *adj.* relating to the effects of light on electrically charged particles, particularly in the production of electricity or other forms of energy through the use of photovoltaic cells or photoelectric devices

ANSWERS: 193. attribute, 194. experiment, 195. lapse, 196. digital, 197. smackdown, 198. crossword, 199. photoelectric

200. int_____ory biology text	<i>adj.</i> intended as an introduction or preliminary; serving as a base or starting point
201. st_____ng therapy	<i>n.</i> a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
202. mul_____ing ability	<i>n.</i> the ability to do more than one task at the same time; the state of doing more than one task at the same time
203. sy_____y between businesses	<i>n.</i> the interaction of elements that, when combined, produce a total effect that is greater than the sum of the individual elements
204. pr_____e changes	<i>v.</i> to make a proposal, declare a plan for something
205. em_____e as a butterfly	<i>v.</i> to move out of or away from something and become visible
206. the Great Dep_____on	<i>n.</i> a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
207. nat_____sm in literature	<i>n.</i> a philosophical belief that everything, including human behavior and cognition, can be explained solely by natural causes and laws
208. 3D di_____m	<i>n.</i> a simplified illustration of the appearance, structure, or workings of something

ANSWERS: 200. introductory, 201. stimming, 202. multitasking, 203. synergy, 204. propose, 205. emerge, 206. depression, 207. naturalism, 208. diagram

209. become a professional at_____e *n.* a person who competes in one or more sports that involve physical strength, speed, or endurance
210. dem_____te a difference *v.* to display something or give an exhibition to an interested audience
211. st____c website *adj.* not moving or not capable of moving, not changing or not capable of changing
212. bu_____g passion *adj.* intense or scorching heat
213. t__s a coin *v.* to throw something carelessly with a light motion
214. co__l island *n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
215. nice fe____w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
216. a wi____d at chess *n.* a person who is skilled in magic or a particular technical field
217. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
218. br____e through the text *v.* to shop around in a leisurely and casual way; to look through a book, magazine, Internet, etc., casually and randomly, without seeking anything in particular; (of an animal) to feed on plants
219. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 209. athlete, 210. demonstrate, 211. static, 212. burning, 213. toss, 214. coral, 215. fellow, 216. wizard, 217. experiment, 218. browse, 219. opportune

220. the price went up sub_____lly *adv.* to a great extent or degree
221. go through a mir_____us change *adj.* very effective or lucky, or completely unexpected
222. oph_____ogy practice *n.* the branch of medicine that deals with the anatomy, physiology, and diseases of the eye
223. st__k a key in a lock *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
224. ex_____e all other possibilities *v.* to deny someone or something enter to a place or taking part in an activity
225. cr_____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something
226. ba_____rd angle *adv.* at, to, or toward the direction or place that is behind or rear
227. ba_____le removal *n.* a type of crustacean that attaches itself to hard surfaces underwater, such as rocks, ships, or docks; a metaphorical term used to describe a person or object that is difficult to remove or separate from another person or object
228. cl_____r up the ladder *v.* to climb or move in an awkward, laborious, or ungraceful way, often using one's hands and feet
229. sim_____sly affected *adv.* at the same time

ANSWERS: 220. substantially, 221. miraculous, 222. ophthalmology, 223. stick, 224. exclude, 225. creative, 226. backward, 227. barnacle, 228. clamber, 229. simultaneously

230. con_____ial policy *adj.* causing a lot of hot public discussion and dispute
231. ove_____ing majority *adj.* very great or intense; so powerful that you cannot fight or react against it
232. the house was sub_____lly built *adv.* to a great extent or degree
233. the bo_____ry between reality and fantasy *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
234. the _____al models *adj.* relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
235. en___l at a college *v.* to officially register or sign up for something, particularly a course of study, an organization, or a service
236. pr_____e the amendment *v.* to make a proposal, declare a plan for something
237. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
238. ba_____n reed *n.* a musical instrument of the woodwind family, similar to a large oboe, with a narrow conical bore and a double reed
239. 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
240. tr_____te struggle into growth *v.* to change or convert from one form or substance to another, often in a transformative or profound way

ANSWERS: 230. controversial, 231. overwhelming, 232. substantially, 233. boundary, 234. theoretical, 235. enroll, 236. propose, 237. equivalent, 238. bassoon, 239. disease, 240. transmute

241. bi_____ds clubs *n.* a game played on a large table with cues and balls, where players use a cue stick to strike the balls and score points by hitting them into pockets or against each other
242. art cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
243. c__w each word *v.* to crush or grind something, especially food, with the teeth and then swallow it
244. at_____te the change to their marriage *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;
245. confuse fa_____y with reality *n.* a fiction with a large amount of imagination in it; a pleasant situation that you imagine but that is unlikely to happen
246. a car with 1800 cc dis_____ent *n.* the act of forcing someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation
247. welfare ec_____cs *n.* the branch of social science that deals with the production, consumption, and transfer of goods and services
248. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
249. theory of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

ANSWERS: 241. billiards, 242. critic, 243. chew, 244. attribute, 245. fantasy, 246. displacement, 247. economics, 248. diagnose, 249. universe

250. dem_____te mastery *v.* to display something or give an exhibition to an interested audience
251. biological ta_____my *n.* the classification or scientific study of organisms, including their relationships to each other, based on shared characteristics and traits; a system of organizing and categorizing information in a particular field or subject area
252. a_m at a specific target *v.* to try or plan to get or achieve something
253. brilliant fl__h *n.* a sudden intense burst of radiant energy; a momentary brightness
254. an in_____t reply *adj.* happening immediately, with no delay
255. cho_____ph a stage performance *v.* to compose a sequence of dance steps, often to music
256. tw___h of an eye *v.* to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body
257. su_____al ability *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
258. traditional me_____al *adj.* of or relating to the treatment or cure of disease
259. re_____ve factors *adj.* considered and evaluated through comparison with something else
260. de_____t of family *n.* the act or process of moving downward; a person's family origins

ANSWERS: 250. demonstrate, 251. taxonomy, 252. aim, 253. flash, 254. instant, 255. choreograph, 256. twitch, 257. survival, 258. medicinal, 259. relative, 260. descent

261. source of ins_____on *n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
262. sy_____y collaboration *n.* the interaction of elements that, when combined, produce a total effect that is greater than the sum of the individual elements
263. the root problem of her dep_____on *n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
264. a tenor ba_____n *n.* a musical instrument of the woodwind family, similar to a large oboe, with a narrow conical bore and a double reed
265. tr_____te energy *v.* to change or convert from one form or substance to another, often in a transformative or profound way
266. bombs fell at ra_____m *adj.* made, done, or happening without method, conscious decision, or any regular pattern
267. ro_____e business *n.* a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program
268. legal be_____e *n.* a small dog with a smooth coat, long ears, and a strong sense of smell, used for hunting hares
269. la____r printer *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

ANSWERS: 261. inspiration, 262. synergy, 263. depression, 264. bassoon, 265. transmute, 266. random, 267. routine, 268. beagle, 269. laser

270. on____d the new employees *v.* to become or make part of a team, group, or system; to install, activate, or begin using a piece of equipment or software; (adjective) included or integrated into a particular system, machine, or device
271. oph_____ogy clinic *n.* the branch of medicine that deals with the anatomy, physiology, and diseases of the eye
272. ex_____ng news *adj.* causing a lot of interest or excitement
273. the rem_____le breadth of knowledge *adj.* worthy of attention because unusual or special
274. bo___y professor *n.* the scientific study of plants
275. pr_____al English *adj.* of or connected with actual use or real situation rather than with theory and ideas
276. tw___h at his sleeve *v.* to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body
277. vi___l navigation *adj.* relating to seeing or sight
278. mathematical pu___e *n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand
279. pulse la__r *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

ANSWERS: 270. onboard, 271. ophthalmology, 272. exciting, 273. remarkable, 274. botany, 275. practical, 276. twitch, 277. visual, 278. puzzle, 279. laser

280. autistic st_____ng *n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
281. br_____nt idea *adj.* extremely clever, skilled, or impressive
282. int_____te an opponent *v.* to make someone fearful or uneasy so that they will do something that you want them to do
283. zo_____y book *n.* the scientific study of animals, including their classification, habits, behavior, physiology, and evolution
284. de_____t from nobility *n.* the act or process of moving downward; a person's family origins
285. arm wr_____ng *n.* a sport in which two contestants grapple and try to throw each other to the ground
286. renal st____s *n.* a state of stillness or immobility, often used in a medical context to refer to a lack of change or progress in a condition or disease
287. a_m to be a nurse *v.* to try or plan to get or achieve something
288. be in a di_____a *n.* a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones
289. cr__l away from a car *v.* to move forward slowly, as people or animals with their bodies near the ground

ANSWERS: 280. stimming, 281. brilliant, 282. intimidate, 283. zoology, 284. descent, 285. wrestling, 286. stasis, 287. aim, 288. dilemma, 289. crawl

290. no__l effect *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
291. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
292. write him an answer imm_____ly *adv.* now or without delay
293. crossword pu___e *n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand
294. have a eu___a moment *n.* exclamation of triumph on discovering something; realization or sudden insight
295. trample an ea_____rm *n.* a common type of worm that lives in soil
296. in a di_____m *n.* a simplified illustration of the appearance, structure, or workings of something
297. en___l in a school *v.* to officially register or sign up for something, particularly a course of study, an organization, or a service
298. bi_____ds table *n.* a game played on a large table with cues and balls, where players use a cue stick to strike the balls and score points by hitting them into pockets or against each other
299. expansion of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

ANSWERS: 290. novel, 291. medicinal, 292. immediately, 293. puzzle, 294. eureka, 295. earthworm, 296. diagram, 297. enroll, 298. billiards, 299. universe

300. ex___d a lineup *v.* to increase or to make something greater in size, number, or importance
301. historical co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
302. 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
303. effectively int_____te a thief *v.* to make someone fearful or uneasy so that they will do something that you want them to do
304. in___t food *n.* a baby or very young child
305. diagnosed in_____ly as a tumor *adv.* at the beginning; at first
306. untold de_____r *n.* the feeling that there is no hope and you cannot do anything to improve a difficult situation
307. student ach_____nt *n.* a thing that someone has accomplished, primarily through their effort and ability
308. slo_____on movie *n.* an effect in film-making whereby time appears to be slowed down

ANSWERS: 300. expand, 301. context, 302. radiation, 303. intimidate, 304. infant, 305. initially, 306. despair, 307. achievement, 308. slow-motion

Session 3: Fill in the Blanks

1. The vessel ran aground on a _____.
n. a long chain or range of rocks or sand near the ocean's surface
2. He was a _____ at solving complex mathematical equations.
n. a person who is skilled in magic or a particular technical field
3. The passengers were instructed to _____ the aircraft as quickly as possible so that the flight could depart on time.
v. to become or make part of a team, group, or system; to install, activate, or begin using a piece of equipment or software; (adjective) included or integrated into a particular system, machine, or device
4. The wrestlers put on an intense _____ during the championship match.
n. a forceful or decisive defeat or rebuke, often delivered in an aggressive or confrontational manner
5. The camera's focus was off, and the image was a _____ of colors and shapes.
n. a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
6. Character _____ is one of the goals of education.
n. the way something is created naturally or the way it has been arranged
7. The _____ of insects is incredibly complex due to the huge number of species.
n. the classification or scientific study of organisms, including their relationships to each other, based on shared characteristics and traits; a system of organizing and categorizing information in a particular field or subject area

ANSWERS: 1. reef, 2. wizard, 3. onboard, 4. smackdown, 5. blur, 6. formation, 7. taxonomy

8. He evaluated his chances for _____ rather pessimistically.
n. the state of continuing to exist or live, frequently in the face of difficulty or danger
9. He is the kind of _____ who only works for his success.
adj. someone who has the same job or interests as you, or is in the same class, profession, or situation as you
10. The unique style of this martial arts _____ many action film producers.
v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
11. There are five distinct _____ at five unique wavelengths.
n. the act of production or sending out gas, heat, light, etc.
12. She studies gardening on a _____ basis.
n. a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program
13. 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
14. His gaffe spoiled the _____ of the dinner party.
n. the way you feel at a particular time; an angry or impatient state of mind
15. It is essential to keep these two issues _____.
adj. noticeable from something else of a similar type

ANSWERS: 8. survival, 9. fellow, 10. inspired, 11. emissions, 12. routine, 13. radiation, 14. mood, 15. distinct

16. The choice between bureaucracy and adocracy represents a common _____.
- n.* a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones
17. You may be entitled to _____ some tax.
- v.* to take back something previously lost, given, or paid, or ask to have it back
18. The corporation _____ dominated the entire tobacco business.
- adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
19. He is drawing a _____ illustrating how the equipment operates.
- n.* a simplified illustration of the appearance, structure, or workings of something
20. The _____ spent his entire life in solitary contemplation, far from the world's hustle.
- n.* a person who lives alone or in seclusion from society, typically for religious or spiritual reasons; a person who avoids social interactions or seeks solitude
21. He sat frowning over a _____ puzzle.
- n.* a word puzzle consisting of a grid of black and white squares and blanks into which words crossing vertically and horizontally are written according to clues
22. I made a _____ box to store my winter clothes in.
- n.* a stiff, thick material made from compressed paper pulp used to make boxes and other packaging materials
23. The bottom of the boat was covered in _____ slowing its speed in the water.
- n.* a type of crustacean that attaches itself to hard surfaces underwater, such as rocks, ships, or docks; a metaphorical term used to describe a person or object that is difficult to remove or separate from another person or object

ANSWERS: 16. dilemma, 17. reclaim, 18. eventually, 19. diagram, 20. hermit-monk, 21. crossword, 22. cardboard, 23. barnacles,

24. He played the piano _____ at the concert.

adv. in an intelligent, graceful, or skillful manner; very brightly or effectively

25. The company has made great strides in its _____ toward sustainability.

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

26. How can you _____ that the earth is a sphere?

v. to display something or give an exhibition to an interested audience

27. The _____ nature of quantum physics has been a source of confusion for scientists for decades.

adj. contrary to what common sense would suggest

28. The company holds patents on core components of _____ jet printers.

n. a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

29. The _____ has largely gotten positive feedback.

n. an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

30. The couple began to _____ over which restaurant to go to for dinner.

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

31. They study the _____ of the universe.

n. a gradual process of transformation of living things

32. The _____ for applying for a visa can be lengthy and complicated.

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

ANSWERS: 24. brilliantly, 25. progression, 26. demonstrate, 27. counterintuitive, 28. laser, 29. novel, 30. argue, 31. evolution, 32. process

33. The teacher attempted to _____ the root cause of our mistake.
v. to think about in-depth and evaluate to discover essential features or meaning
34. He cast _____ glances behind her.
adj. worried and nervous
35. She had a master's degree in _____.
n. the scientific study of mind and behavior
36. The wedding _____ was held in the grand ballroom of the hotel.
n. the act of receiving or the state of being received, especially warmly or kindly; a formal party of people
37. He is known for creating _____ paintings.
n. a particular type or style of literature, art, music, or film that involves a particular set of characteristics
38. 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
39. A suspension order from the court is effective _____.
adv. now or without delay
40. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
41. It is more _____ to wash your plastic bottle and reuse it.
adj. providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary

ANSWERS: 33. analyze, 34. anxious, 35. psychology, 36. reception, 37. genre-busting, 38. rocket, 39. immediately, 40. experiments, 41. economical

42. 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
43. She's studying _____ at university and hopes to work at a zoo someday.
n. the scientific study of animals, including their classification, habits, behavior, physiology, and evolution
44. This jigsaw _____ is challenging because there are no pictures.
n. a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand
45. He had always been interested in sumo _____ and decided to try it.
n. a sport in which two contestants grapple and try to throw each other to the ground
46. Their headquarters are in a _____ skyscraper.
adj. of or belonging to the present time or recent times
47. The findings of the experiment were both _____ and unexpected.
adj. causing a lot of interest or excitement
48. They _____ fun at each other's jokes, laughing and teasing.
v. to push or prod with a sharp object or the finger
49. The election was a _____ success for the Whigs.
adj. worthy of attention because unusual or special
50. This _____ book about the history of jazz is a must-read for music fans.
n. a genre of literature that deals with the factual representation of real or historical events, people, or places; prose writing that presents or discusses true life events or experiences

ANSWERS: 42. medical, 43. zoology, 44. puzzle, 45. wrestling, 46. modern, 47. exciting, 48. poked, 49. remarkable, 50. nonfiction

51. The rules were _____ after the new executive arrived.
v. to become or cause someone to become less active or tense and calmer
52. Mozart was an _____ prodigy.
n. a baby or very young child
53. Absolute zero is the lowest _____ temperature.
adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
54. His class will cover an introduction to agricultural _____.
n. the branch of social science that deals with the production, consumption, and transfer of goods and services
55. The general was still reluctant to _____ his troops in pursuit of an enemy.
v. to suddenly release a strong force, emotion, etc. that cannot be controlled
56. He wandered the _____ between life and death by gunfire.
n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places
57. It would be best if you _____ out all those old magazines.
v. to throw something carelessly with a light motion
58. The more _____ you are, the more people around you look at you with envy and jealousy.
adj. extremely clever, skilled, or impressive
59. The _____ from the mountain was steep and rocky.
n. the act or process of moving downward; a person's family origins

ANSWERS: 51. relaxed, 52. infant, 53. theoretical, 54. economics, 55. unleash, 56. boundary, 57. tossed, 58. brilliant, 59. descent

60. In this class, you will learn how to solve quadratic _____.
- n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
61. She falls over _____ when she sees her mother-in-law.
- adv.* at, to, or toward the direction or place that is behind or rear
62. The _____ image on the screen took a lot of work to make out.
- adj.* not moving or not capable of moving, not changing or not capable of changing
63. This device is used to _____ brain cancer and other tumors.
- v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
64. The policy of _____ has caused significant harm to marginalized communities.
- n.* the act of keeping someone or something out or preventing them from participating in or being part of something
65. Could you help me _____ some furniture?
- n.* a slight transition in position, direction, or trend
66. It is important to _____ safety procedures in the workplace to prevent accidents.
- v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
67. Autistic children may engage in _____ behaviors, such as rocking or hand flapping, to self-regulate.
- n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

ANSWERS: 60. equations, 61. backward, 62. static, 63. diagnose, 64. exclusion, 65. shift, 66. observe, 67. stimming

68. These heavy rains caused _____ floods on several islands.
n. a sudden intense burst of radiant energy; a momentary brightness
69. 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
70. They hope to _____ their business worldwide.
v. to increase or to make something greater in size, number, or importance
71. All the supervisor has to do is assign tasks that make his subordinates more _____.
adj. relating to or involving the use of skill and original and unusual ideas to create something
72. The sun's _____ shone through the window and illuminated the room.
n. a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
73. The study of _____ can also include the study of plant fossils and the history of plant evolution.
n. the scientific study of plants
74. We could hear the _____ of baby birds.
n. a short, high sound made by a small bird; a message sent using Twitter, the social media application
75. Sugar is _____ in food.
adj. being or existing everywhere at once

ANSWERS: 68. flash, 69. photograph, 70. expand, 71. creative, 72. beam, 73. botany, 74. tweet, 75. ubiquitous

76. The boss tried to _____ his subordinate with threats.
v. to make someone fearful or uneasy so that they will do something that you want them to do
77. The building makes a remarkable _____ impact.
adj. relating to seeing or sight
78. 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
79. Advocates for legal reform hear less harsh words from their _____.
n. someone who expresses opinions about the quality of books, music, etc.
80. The European Central Bank is Europe's _____ of the Federal Reserve.
n. having the same value, quality, meaning, purpose, etc.
81. She couldn't stop her leg from _____ nervously.
v. to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body
82. The _____ cells on the roof convert sunlight into energy for the building.
adj. relating to the effects of light on electrically charged particles, particularly in the production of electricity or other forms of energy through the use of photovoltaic cells or photoelectric devices
83. The _____ of the residents was a consequence of the construction of the new highway.
n. the act of forcing someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation

ANSWERS: 76. intimidate, 77. visual, 78. atom, 79. critics, 80. equivalent, 81. twitching, 82. photoelectric, 83. displacement

84. To find drunk drivers, police conduct _____ tests.

adj. made, done, or happening without method, conscious decision, or any regular pattern

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

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

86. _____ product is a leading cause of preventable deaths worldwide.

n. a plant grown for its leaves, which are dried and processed for smoking or chewing or extraction of nicotine

87. The fire spread rapidly, engulfing everything in its path in a _____ inferno.

adj. intense or scorching heat

88. The _____ class was designed to give students a basic understanding of the subject.

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

89. Composition by artificial intelligence is no longer a _____.

n. a fiction with a large amount of imagination in it; a pleasant situation that you imagine but that is unlikely to happen

90. "_____ he exclaimed, finally solving the problem.

n. exclamation of triumph on discovering something; realization or sudden insight

91. It would be _____ to dress nicely for the wedding.

adj. suitable or proper in the circumstances; fitting

ANSWERS: 84. random, 85. medicinal, 86. Tobacco, 87. burning, 88. introductory, 89. fantasy, 90. Eureka!", 91. appropriate

92. He had _____ the dance in this play himself.

- v.* to compose a sequence of dance steps, often to music

93. The castle was _____ several years later.

- v.* to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity

94. My dog loves to _____ on bones.

- v.* to crush or grind something, especially food, with the teeth and then swallow it

95. I missed the deadline due to a _____ in my memory.

- n.* a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended

96. His dream is to become an Olympic _____.

- n.* a person who competes in one or more sports that involve physical strength, speed, or endurance

97. _____ symptoms might include a decrease in appetite and weight loss.

- n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market

98. Eyeless fish _____ in dark caves.

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

99. Baseball umpires often overturn decisions with _____ replay.

- n.* an effect in film-making whereby time appears to be slowed down

ANSWERS: 92. choreographed, 93. abandoned, 94. chew, 95. lapse, 96. athlete, 97. Depression, 98. evolved, 99. slow-motion

100. The cost for the trip _____ food and beverages.

v. to deny someone or something enter to a place or taking part in an activity

101. This _____ has never been formally accepted.

n. a thing that someone has accomplished, primarily through their effort and ability

102. He made a _____ recovery.

adj. very effective or lucky, or completely unexpected

103. Mushrooms and _____ are fungi.

n. a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

104. We _____ for an overseas expansion.

v. to try or plan to get or achieve something

105. We _____ in a souvenir shop.

v. to shop around in a leisurely and casual way; to look through a book, magazine, Internet, etc., casually and randomly, without seeking anything in particular; (of an animal) to feed on plants

106. 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

107. The _____ player was the only one who could hit that low note.

n. a musical instrument of the woodwind family, similar to a large oboe, with a narrow conical bore and a double reed

ANSWERS: 100. excludes, 101. achievement, 102. miraculous, 103. mold, 104. aim, 105. browsed, 106. rolled, 107. bassoon

108. She could finish all her work on time because of her _____ skills.

n. the ability to do more than one task at the same time; the state of doing more than one task at the same time

109. The proportion of female engineers has _____ increased.

adv. to a great extent or degree

110. He found _____ in the works of his favorite authors.

n. something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity

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

adj. considered and evaluated through comparison with something else

112. This train departed later than _____ scheduled.

adv. at the beginning; at first

113. The woods _____ the house.

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

114. Along the gravel roads, sizeable yellow school buses _____.

v. to move forward slowly, as people or animals with their bodies near the ground

115. Two students answered the teacher's question _____.

adv. at the same time

116. The study's results were based on _____ evidence gathered from extensive research.

adj. based on or verifiable by observation or experience rather than theory or pure logic

ANSWERS: 108. multitasking, 109. substantially, 110. inspiration, 111. relatives, 112. initially, 113. embrace, 114. crawl, 115. simultaneously, 116. empirical

117. He has a flair for _____.

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

118. The _____ for completing the construction project is three years.

- n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process

119. The _____ is about 13.8 billion years old.

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

120. His friend's death drove him to _____.

- n.* the feeling that there is no hope and you cannot do anything to improve a difficult situation

121. The phone rang at the most _____ time.

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

122. My grandfather had a problem with his eyes and went to an _____ specialist.

- n.* the branch of medicine that deals with the anatomy, physiology, and diseases of the eye

123. Some alchemists believed in the ability to _____ base metals into gold.

- v.* to change or convert from one form or substance to another, often in a transformative or profound way

ANSWERS: 117. mathematics, 118. timescale, 119. universe, 120. despair, 121. opportune, 122. ophthalmology, 123. transmute

124. We fed the birds daily with insects and _____.

n. a common type of worm that lives in soil

125. This company has invested heavily in Internet _____.

n. the activity of buying and selling things, especially on a large scale

126. We must _____ a new system to streamline our workflow and increase efficiency.

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

127. The patient's _____ in the hospital was concerning to the doctors.

n. a state of stillness or immobility, often used in a medical context to refer to a lack of change or progress in a condition or disease

128. The new software program was designed to increase productivity by promoting employee _____.

n. the interaction of elements that, when combined, produce a total effect that is greater than the sum of the individual elements

129. There are _____ differences between the two wine-producing regions.

adj. easy to see, discover or understand

130. The _____ runner fell to the ground and gasped.

adj. extremely tired

131. Sensors convert physical phenomena into _____ signals.

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

ANSWERS: 124. earthworms, 125. commerce, 126. develop, 127. stasis, 128. synergy, 129. obvious, 130. exhausted, 131. digital

132. Her concept is highly _____ and helpful.

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

133. That statement by the prime minister drew _____ international criticism.

adj. (especially of a feeling) very strong; extremely sharp or severe

134. She is wearing a _____ necklace.

n. a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry

135. The salespeople speak in technical terms to _____ that they are more knowledgeable than the customer.

v. to indicate the truth or existence of something without referring to it

136. 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

137. He was a visiting _____ professor at the University of Tokyo.

n. a science that deals with the history of the earth as recorded in rocks

138. The _____ room in the mansion was large and lavishly decorated.

n. a game played on a large table with cues and balls, where players use a cue stick to strike the balls and score points by hitting them into pockets or against each other

139. I want to _____ a toast in honor of our longstanding relationship.

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

ANSWERS: 132. practical, 133. intense, 134. coral, 135. imply, 136. enroll, 137. geology, 138. billiards, 139. propose

140. His pet _____ sniffed at the ground, following the rabbit's trail.

n. a small dog with a smooth coat, long ears, and a strong sense of smell, used for hunting hares

141. During colonial eras, new migratory patterns _____.

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

142. He _____ the disappointing results to the economic downturn.

v. to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

143. The issue of the death penalty is highly _____.

adj. causing a lot of hot public discussion and dispute

144. He has shown signs of uneasiness and _____ worry.

adj. very great or intense; so powerful that you cannot fight or react against it

145. I had to _____ over the rocks to reach the cave.

v. to climb or move in an awkward, laborious, or ungraceful way, often using one's hands and feet

146. It's important to understand the _____ of a situation before making a decision.

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

147. His pleasant face turned cold in an _____.

adj. happening immediately, with no delay

148. You _____ a bill in the change machine, and the coins pop out.

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

ANSWERS: 140. beagle, 141. emerged, 142. attributes, 143. controversial, 144. overwhelming, 145. clamber, 146. context, 147. instant, 148. stick

149. 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
150. The lobbyist _____ Congress not to approve the measure.
- v.* to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist
151. There are various hypotheses concerning the _____ of life.
- n.* the first existence or beginning of something
152. A _____ of economic advisers from the United States visited the country to help rebuild its economy.
- n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
153. He was sick for five _____ days.
- adj.* extending or moving in one direction without bending or curving; having no deviations
154. The scientific method is often seen as an embodiment of _____ as it seeks to understand the natural world through observation and experimentation.
- n.* a philosophical belief that everything, including human behavior and cognition, can be explained solely by natural causes and laws

ANSWERS: 149. disease, 150. urged, 151. origin, 152. panel, 153. straight, 154. naturalism,