

# Englist.me



## Vocabulary Builder Reference from...

*Josh Giegel: Super speed, magnetic levitation and the vision behind the hyperloop | TED Talk*

[https://www.ted.com/talks/josh\\_giegel\\_super\\_speed\\_magnetic\\_levitation\\_and\\_the\\_vision\\_behind\\_the\\_hyperloop](https://www.ted.com/talks/josh_giegel_super_speed_magnetic_levitation_and_the_vision_behind_the_hyperloop)

### All Words

#### IMPORTANT

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## Session 1: Word List

### decide

*v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

*synonym*: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

### hop

*v.* to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.

*synonym*: jump, bounce, skip

(1) **hop** on one foot, (2) **hop** from one place to another

The rabbit **hopped** over the fence.

### giant

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

*synonym*: big, gigantic, huge

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

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

### aluminum

*n.* a chemical element with the symbol Al that visually resembles silver, used especially for making cooking

equipment and aircraft parts

(1) a layer of **aluminum** foil, (2) an **aluminum** alloy

Some of the parts of this car are made of **aluminum** to reduce weight.

## **pound**

*n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

(1) three-fourths of a **pound**, (2) thousands of **pounds**

The car's front bumper cost fifteen hundred **pounds**.

## **strap**

*n.* a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport

*synonym*: band, belt, sling

(1) leather **strap**, (2) camera **strap**

The athlete tightened the **strap** on his running shoes before the race.

## **stagnant**

*adj.* not flowing or circulating; standing still; stagnant water

*synonym*: still, stagnant, unmoving

(1) **stagnant** car sales, (2) **stagnant** economy

The **stagnant** water in the pond is a breeding ground for mosquitoes.

## **sweat**

*n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress

*synonym*: perspiration, steam, hardwork

(1) all in a **sweat**, (2) **sweat** bath

She wiped the **sweat** off her forehead with a towel.

## **brow**

*n.* the ridge over the eye sockets; the forehead

*synonym*: forehead, hilltop, eyebrow

(1) the **brow** of a hill, (2) furrowed **brow**

She wiped the sweat from her **brow** after finishing the

marathon.

## launch

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

*synonym* : start, initiate, begin

(1) **launch** a spaceship into orbit, (2) **launch** a big attack

The company is set to **launch** its new product line next month.

## wright

*n.* a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal

*synonym* : builder, constructor, craftsman

(1) a car- **wright**, (2) aircraft **wright**

She was a skilled **wright**, able to craft intricate pieces of furniture.

## flee

*v.* to leave by running away, especially out of fear or danger

*synonym* : exit, escape, run away

(1) **flee** their homes, (2) **flee** abroad

It is a basic instinct to **flee** from a dangerous situation.

## inconceivable

*adj.* hard to imagine or believe

*synonym* : unimaginable, impossible, unthinkable

(1) **inconceivable** pain, (2) **inconceivable** ideas

It would be **inconceivable** for him to alter his behavior.

## crazy

*adj.* stupid or not sensible; very angry

*synonym* : insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme

The rain and thunder are **crazy** today.

## historic

*adj.* famous or significant in history, or potentially so

*synonym* : memorable, momentous, historical

(1) **historic** accomplishment, (2) achieve the **historic** feat

The Chinese people have accomplished several **historic** feats.

## invention

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

*synonym*: creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**  
Necessity is the mother of **invention**.

## physicist

*n.* a scientist who specializes in the field of physics

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

Einstein was an outstanding and famous **physicist** of the 20th century.

## 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.

## entirely

*adv.* completely

*synonym*: completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to blame

Later, his claim was found to be **entirely** false.

## transport

*n.* a system for moving people or products from one location to another using automobiles, roads, and so on

*synonym*: shipment, transit, conveyance

(1) **transport** facilities, (2) access to public **transport**

Enhanced rail **transportation** is crucial for our business.

## vactrain

*n.* a type of proposed high-speed train that would travel through a vacuum-sealed tube, using magnetic levitation to eliminate air resistance; vactrains have the potential to reach speeds of up to 6,000 km/h (3,700 mph), making them faster than any other mode of

transportation

*synonym* : maglev, hyperloop

(1) prototype **vactrain**, (2) high-speed **vactrain**

Scientists and engineers are researching ways to develop **vactrain** technology further and make it more efficient and cost-effective.

**envision**

*v.* to imagine or expect what a situation will be like in the future

*synonym* : anticipate, foresee, picture

(1) **envision** the future, (2) **envision** the project's success

We cannot **envision** her as President.

**mass**

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

*synonym* : abundance, crowd, mob

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

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

**transit**

*n.* the act or process of passing through or across a place or state; transportation

*synonym* : transportation, passage, transfer

(1) a **transit** visa, (2) mass **transit**

Public **transit** is an essential service for many cities.

**resistance**

*n.* the act of defending oneself from an aggressor or refusing to accept something

*synonym* : opposition, antagonism, defiance

(1) **resistance** movement, (2) **resistance** to insulin

The bill to increase the consumption tax had passed despite much **resistance** from the public.

**tube**

*n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food

or chemicals; a hollow cylindrical shape

*synonym* : pipe, hose, duct

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

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

## render

*v.* to bring someone or something into a particular state; to provide something such as service, help, etc.

*synonym* : deliver, give, provide

(1) **render** an assessment, (2) **render** the contract void

The jury must **render** a decision on this complex case.

## loop

*n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself

*synonym* : circle, curl, spiral

(1) exit from a **loop**, (2) positive feedback **loop**

Many people in this city use the **loop** railway for transportation.

## unfamiliar

*adj.* not known or recognized; not experienced or encountered before

*synonym* : unknown, strange, foreign

(1) the **unfamiliar** surroundings, (2) around **unfamiliar** people

She was **unfamiliar** with the city and got lost while trying to find her way back to the hotel.

## geek

*n.* a person who is highly interested and knowledgeable about a particular subject or field, often to the point of being obsessed

*synonym* : nerd, dork, enthusiast

(1) airplane **geek**, (2) **geek** enthusiast

He was a computer **geek** and spent all his free time coding.

## pod

*n.* a seed case, especially of a leguminous plant such as a pea or bean; a detachable container of something, especially on an airplane

*synonym* : capsule, seed case, husk

(1) escape **pod**, (2) cocoa **pod**

The **pod** of whales swam gracefully through the water.

## subway

*n.* an underground railway system, typically in a city

*synonym* : underground, metro, tube

(1) **subway** train, (2) rapid transit **subway**

He took the **subway** to work every day to avoid traffic congestion.

## tunnel

*n.* an underground or underwater passage, typically for trains or cars

*synonym* : passageway, underground passage

(1) **tunnel** construction work, (2) **tunnel** disease

The workers had to dig through solid rock to create the vehicular **tunnel** allowing the cars to pass through the mountain.

## 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.

## altitude

*n.* the height of an object or point in relation to sea level or ground level

*synonym* : height, elevation, tallness

(1) the meridian **altitude**, (2) low **altitude**

The plane flew at a high **altitude** to avoid turbulence.

## glide

*v.* to move smoothly and effortlessly

*synonym* : slide, skim, coast

(1) **glide** through the water, (2) **glide** down the mountain

The eagle gracefully **glided** on the thermals, soaring above the mountains.

## turbulence

*n.* a state of great disturbance, confusion, or uncertainty, often accompanied by violent or disruptive activity or behavior, such as air turbulence during a flight

*synonym* : chopiness, tumult, agitation

(1) financial **turbulence**, (2) emotional **turbulence**

The ride on the rollercoaster was full of dips and turns, creating a feeling of **turbulence**.

## fraction

*n.* a small part or item forming a piece of a whole; the quotient of two rational numbers

*synonym* : piece, part, fragment

(1) a **fractional** share of the vote, (2) a numerator in a **fraction**

He spent only a **fraction** of his earnings.

## consumption

*n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials

*synonym* : usage, uptake, utilization

(1) average fuel **consumption**, (2) the **consumption** of food

In our country, water **consumption** usually decreases during the winter.

## precise

*adj.* sharply exact or accurate or delimited

*synonym* : accurate, exact, distinct

(1) **precise** analyses, (2) estimate **precise** costs

The content is **precise** and informative for me.

## aircraft

*n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter

*synonym* : airplane, plane, airliner

(1) an **aircraft** landing, (2) **aircraft** control system

The marine **aircraft** manufacturer demonstrated their newest hydroplane.

## obsession

*n.* the state in which a person's mind is filled with thoughts of one single object or particular person



*synonym*: compulsion, fixation, enthusiasm

(1) **obsession** with character, (2) national **obsession**

Gambling became an **obsession** for him, and he eventually lost everything.

## volume

*n.* the amount of space occupied by an object or substance; the magnitude of sound

*synonym*: capacity, amount, intensity

(1) **volume** of work, (2) high **volume**

This container has a **volume** of 10 cubic meters.

## destroy

*v.* to ruin or damage severely or completely; to eradicate or eliminate completely

*synonym*: demolish, ruin, obliterate

(1) **destroy** the ecosystem, (2) **destroyed** evidence

The building was **destroyed** in the fire and had to be rebuilt.

## planet

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

*synonym*: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

## statistics

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

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

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

## industrious

*adj.* hardworking, diligent, and persistent in effort

*synonym*: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

## contributor

*n.* a person or thing that adds to the achievement, production, or growth of something (such as a project, organization, or publication); a donor or benefactor

*synonym*: donor, giver, subscriber

(1) **contributor** of funds, (2) regular **contributor**

She is a major **contributor** to the local food bank, volunteering every week.

## greenhouse

*n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in

*synonym*: conservatory

(1) exotic plants in a **greenhouse**, (2) emissions of **greenhouse** gases

The **greenhouse** effect is a phenomenon that happens naturally.

## 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.

## trend

*n.* a general direction in which something is changing or developing

*synonym*: direction, movement, tendency

(1) an international **trend**, (2) the **trend** away from television

The oil price continued their downward **trend**.

## transform

*v.* to change in outward structure or looks;

*synonym*: alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

My father's death **transformed** my life completely.

## haul

*v.* to physically drag or pull someone or something with effort

*synonym*: drag, pull, tug

(1) **haul** on a rope, (2) **haul** truck

They had to **haul** the boat out of the water for repairs.

## commute

v. to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work

*synonym*: travel, journey, trip

(1) **commute** to work, (2) daily **commute**

He had to **commute** two hours each way to get to work.

## inspiring

*adj.* stimulating and motivating you to want to do something

*synonym*: exhilarating, encouraging, heartening

(1) **inspiring** stories, (2) awe-**inspiring** sight

An **inspiring** teacher might spark students' motivation to succeed.

## dedicate

v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

*synonym*: consecrate, devote, commit

(1) **dedicate** a few hours, (2) **dedicate** a chapter to the subject

He **dedicated** his life to helping others.

## vision

n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

*synonym*: sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**

Driving is difficult for me because of my poor **vision**.

## flop

v. to fall or lie down heavily and clumsily; (noun) a complete failure

*synonym*: fail, collapse, drop

(1) a huge **flop**, (2) **flop** business

The company's stock prices **flop** after the poor earnings

report.

## flourish

*v.* to grow or develop vigorously or successfully

*synonym*: boom, advance, succeed

(1) **flourish** economically, (2) **flourish** worldwide

The Ottoman Empire **flourished** for over five centuries.

## engineer

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

*synonym*: architect, creator, builder

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

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

## insatiable

*adj.* impossible to satisfy or content; having a strong desire or craving that is excessive or unquenchable

*synonym*: voracious, unquenchable, insistent

(1) **insatiable** curiosity, (2) **insatiable** appetite

His **insatiable** hunger for success drove him to work countless hours.

## musky

*adj.* having a strong, earthy smell that is often reminiscent of musk or moss

*synonym*: musty, earthy, pungent

(1) **musky** aroma, (2) **musky** perfume

The **musky** scent of the old book filled the air of the dusty library.

## release

*v.* to set free or allow to escape from confinement

*synonym*: free, let go, discharge

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

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

## sketch

*n.* a simple, quickly-made picture that does not have many details; a short descriptive summary of something

*synonym*: drawing, outline, blueprint

(1) a penciled **sketch**, (2) first design **sketches**

Yesterday, I created a rough **sketch** of the plan.

## invitation

*n.* a spoken or written request to participate or be present or take part in something

*synonym*: request, asking, proposal

(1) a letter of **invitation**, (2) **invitation** of foreign investment

I will be very happy to accept your **invitation**.

## concept

*n.* an idea or principle associated with something abstract

*synonym*: idea, notion, vision

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

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

## tangible

*adj.* real and concrete; able to be perceived, especially able to be touched; (of business assets) having physical substance and intrinsic monetary value

*synonym*: palpable, real, actual

(1) **tangible** assets, (2) produce **tangible** results

A problem that has been pointed out for years finally becomes **tangible**.

## sustainable

*adj.* able to continue or be continued for a long time

*synonym*: continuable, endurable, tolerable

(1) **sustainable** alternative fuel, (2) principles of **sustainable** development

The government should do more to support environmentally **sustainable** agriculture.

## 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.

## viable

*adj.* capable of being done as intended; able to succeed  
*synonym* : feasible, possible, attainable

(1) achieve a **viable** relationship, (2) develop a **viable** therapy

Male gorillas with good drumming skills are more **viable**.

## convinced

*adj.* completely certain about something; having a strong belief or conviction in a particular religion

*synonym* : confident, positive, indoctrinated

(1) **convinced** of the idea, (2) **convinced** criminal

The public is **convinced** that the prime minister has committed fraud.

## quitter

*n.* a person who gives up easily or does not have the determination to finish what they have started

*synonym* : coward, deserter, surrender

(1) easy **quitter**, (2) serial **quitter**

He was labeled as a **quitter** after he abandoned the project halfway.

## optimistic

*adj.* hoping or expecting that good thing will happen or something will be successful

*synonym* : hopeful, auspicious, cheery

(1) he is **optimistic**, (2) **optimistic** outlook

Most executives were **optimistic** about future business conditions.

## delusion

*n.* a false belief or impression that is firmly held despite evidence to the contrary

*synonym* : hallucination, illusion, fantasy

(1) grand **delusion**, (2) labor under a **delusion**

He had a **delusion** that he was a millionaire.

## functional

*adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

*synonym* : applicable, practical, usable

(1) field of **functional** medicine, (2) **functional** deafness  
The mobile phone was still **functional** even after being dropped.

## realistic

*adj.* having or showing a sensible and practical idea that is possible to achieve

*synonym*: practical, pragmatic, down-to-earth

(1) a **realistic** goal, (2) a **realistic** goal

That story was so **realistic**, and it was scary.

## dive

*v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater

*synonym*: dip, leap, plunge

(1) **dive** into anime communities, (2) **dive** off a cliff

The sperm whale can **dive** to 1,000 meters.

## feat

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

*synonym*: achievement, accomplishment, exploit

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

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

## prototype

*n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed

*synonym*: mock-up, precursor, model

(1) complete a **prototype** product, (2) early **prototype**

The flying car is presently in the **prototype** stage.

## tradition

*n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

*synonym*: custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**

It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

## maglev

*n.* (short for magnetic levitation) a type of transportation system that uses magnetic levitation (= the phenomenon of an object or a person rising into the air) to lift and propel trains or vehicles along a track without the use of wheels or friction; often used for high-speed trains and urban transportation systems

*synonym*: magnetic levitation, high-speed train, transportation technology

(1) **maglev** transportation, (2) **maglev** technology

**Maglev** trains can reach very high speeds due to their unique design.

## proof

*n.* a fact or piece of information that shows something is true or exists

*synonym*: testimony, evidence, assurance

(1) documentary **proof**, (2) a geometric **proof**

**Proof** is better than argument.

## ford

*n.* a shallow place in a river or stream where it is possible to walk or drive across

*synonym*: crossing, traversing, passing

(1) **ford** a river, (2) across a **ford**

The river was too deep to cross, so we had to find a **ford** downstream where the water was shallower.

## light-year

*n.* a unit of distance used in astronomy to represent the distance that light travels in a year, which is equal to about 9.46 trillion kilometers or 5.88 trillion miles

(1) **light-year** distance, (2) billions of **light-years**

Proxima Centauri is the closest star to Earth, located about 4.24 **light-years** away.

## dumb

*adj.* lacking the power of speech, unable to speak; stupid, or lacking intelligence

*synonym*: mute, speechless, idiotic

(1) **dumb** creatures, (2) struck **dumb**

He made a **dumb** mistake and forgot to submit the report on



time.

## modular

*adj.* consisting of distinct or separable parts or units that can be joined together and form a complete whole

*synonym*: interchangeable, standard, transposable

(1) build a **modular** system, (2) **modular** furniture

Computers have a **modular** structure, making it easy to upgrade essential functions.

## upgrade

*v.* to improve the value or usefulness of something such as a machine, computer system, etc., or to replace it with something newer or of a higher standard

*synonym*: improve, boost, enrich

(1) **upgrade** a product, (2) **upgrade** work performance

It's an excellent opportunity to **upgrade** our networking.

## 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.

## advance

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

*synonym*: progress, boost, come along

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

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

## automobile

*n.* a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods

*synonym*: car, vehicle, motorcar

(1) driverless **automobile**, (2) **automobile** insurance

The **automobile** industry is a major contributor to air pollution in cities.

## assemble

*v.* to collect in one place as a single group

*synonym*: gather, congregate, collect

(1) **assemble** your colleagues, (2) **assemble** a jigsaw puzzle

The president began to **assemble** an army.

## calm

*adj.* not excited, angry, or nervous; free from wind, large waves

*synonym*: quiet, peaceful, tranquility

(1) **calm** sea, (2) **calm** manner

It was the first time in a long time that I felt truly **calm** and at peace.

## insane

*adj.* extremely stupid, crazy, or dangerous; mentally ill

*synonym*: crazy, mad, foolish

(1) go **insane** with pleasure, (2) an **insane** scheme

Her excessive demands drove me **insane**.

## vacuum

*n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction

*synonym*: void, emptiness, gap

(1) **vacuum** cleaner, (2) **vacuum** packing

Please use the **vacuum** to clean up the mess on the floor.

## structure

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

*synonym*: construction, architecture, establishment

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

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

## devise

*v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination

*synonym*: create, concoct, invent

(1) **devise** a plan, (2) **devise** a literary plot

They had to **devise** a system that did not depend on fossil fuels.

## magnetic

*adj.* having the properties of attracting or repelling certain materials containing iron or steel

*synonym*: attractive, drawing, hypnotic

(1) **magnetic** field, (2) a **magnetic** tape

The **magnetic** force of the earth keeps our planet spinning.

## withstand

*v.* to resist the effect or impact of something

*synonym*: endure, bear, resist

(1) **withstand** pressure, (2) **withstand** temptation

The new phone is waterproof and can **withstand** being dropped in water.

## environment

*n.* the natural world such as air, water, and land in which humans, animals, and plants live

*synonym*: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

## generation

*n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity

*synonym*: cohort, age group, era

(1) **generation** gap, (2) the **generation** of electricity

The younger **generation** has different values and beliefs than the older one.

## battery

*n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

*synonym*: electric cell, array, batch

(1) a dry **battery**, (2) **battery** charging

The engine did not start because the **battery** was flat.

## levitate

*v.* to rise or float in the air without apparent support, often in a magical or supernatural manner

*synonym*: hover, float, soar

(1) **levitate** objects, (2) **levitate** for a few seconds

The magician appeared to **levitate** off the stage, stunning the audience.

## state-of-the-art

*adj.* characterized by the use of the latest and most advanced technology or methods; cutting-edge

*synonym*: advanced, cutting-edge, innovative

(1) **state-of-the-art** technology, (2) **state-of-the-art** software

The hospital has **state-of-the-art** equipment and facilities to ensure the best healthcare for its patients.

## accelerate

*v.* to make something faster or earlier; to cause to develop or progress more quickly

*synonym*: speed up, quicken, rev

(1) **accelerate** a chemical reaction, (2) **accelerate** the car

The government tried to **accelerate** the commercialization of this development.

## efficient

*adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

*synonym*: productive, effective, competent

(1) **efficient** operation, (2) energy- **efficient** appliances

The new washing machine is much more **efficient** than the old one.

## linear

*adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph

*synonym*: straight, direct, right

(1) **linear** trend, (2) a **linear** equation

People tend to make **linear** predictions.

## motor

*n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work

*synonym*: actuator, engine, machine

(1) a **motor** mechanic, (2) DC **motor** control

Energy-efficient **motors** are needed to maximize the cruising distance of electric vehicles.

## reuse

*v.* to use something again or more than once

*synonym*: reprocess, recycle, rehash

(1) **reuse** the materials, (2) **reuse** existing knowledge

The supermarket encourages shoppers to **reuse** plastic bags.

## 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.

## spaceship

*n.* (especially in science fiction) a spacecraft designed to carry a crew into interstellar space

*synonym*: starship, rocket, spacecraft

(1) a **spaceship** to survey the moon, (2) alien **spaceship**

They launched a crewless **spaceship** into space.

## autonomous

*adj.* capable of governing or controlling its affairs

*synonym*: independent, self-governing, self-reliant

(1) development of **autonomous** vehicles, (2) an **autonomous** judiciary

Five of the six provinces will become **autonomous** regions under the new federal system of government.

## AI

*n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition,

decision-making, and language translation

*synonym*: robot, machine learning, neural network

(1) **AI** expert, (2) apply **AI** technology to art

The evolution of processors has dramatically improved the performance of **AI**.

## desert

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

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

This region is predominantly **desert**.

## operate

*v.* to work in a particular way; to supervise something

*synonym*: work, use, employ

(1) **operate** 24 hours a day, (2) manually **operate** a machine

This machine is too difficult to **operate** for me.

## countless

*adj.* too numerous to be counted or very many

*synonym*: innumerable, myriad, numerous

(1) **countless** hours, (2) answer **countless** questions

There are **countless** methods for dealing with stress.

## subsystem

*n.* a part or component of a larger system that performs a specific function or functions interdependent with other subsystems to accomplish the overall function of the larger system

*synonym*: division, branch, element

(1) control **subsystem**, (2) heating **subsystem**

The computer's **subsystem** failed and caused the entire system to shut down.

## define

*v.* to state or explain precisely the nature, scope, or meaning of something

*synonym*: characterize, depict, express

(1) **define** a word, (2) **define** my position

To advance this discussion, we must **define** "success"

rigorously.

## capsule

*n.* a small, enclosed container often used for holding medicines or supplements or for transporting payloads in spacecraft; a small, elongated structure within the body, such as a joint or a gland

(1) space **capsule**, (2) medical **capsule**

The **capsule** hotel room may be small but it has all the necessary amenities.

## handsome

*adj.* physically attractive and pleasing in appearance; attractive and generous

*synonym*: good-looking, attractive, beautiful

(1) a **handsome** young man, (2) a **handsome** salary

The politician was known for his **handsome** appearance and charm.

## mannequin

*n.* a life-sized model of the human body used for displaying clothes, especially in a store window

*synonym*: dummy, model, figure

(1) **mannequin** display, (2) pose **mannequin**

The store's window display featured a series of **mannequins** dressed in the latest fashion.

## independence

*n.* freedom from another's or others' control or influence

*synonym*: freedom, liberty, autonomy

(1) financial **independence**, (2) **independence** ceremony

There is nothing more valuable than **independence** and freedom.

## auditor

*n.* a person who officially examines and verifies financial accounts and records; an official who evaluates and reports on the quality or effectiveness of something

*synonym*: accountant, bookkeeper, examiner

(1) independent **auditor**, (2) external **auditor**

The government **auditor** was tasked with assessing the

validity of the organization's expenditures.

## nervous

*adj.* worried and anxious about something; relating to the nerves

*synonym*: neural, anxious, uneasy

(1) development of the **nervous** system, (2) get **nervous**

He suffers from **nervous** breakdowns.

## bold

*adj.* brave, daring, and confident; not frightened of danger or afraid to say what you feel or to take risks

*synonym*: brave, courageous, fearless

(1) a **bold** design, (2) big, **bold** piano sounds

The effort to alleviate climate change needs **bold** action.

## attempt

*n.* an act or effort of trying to do something, especially something difficult

*synonym*: endeavor, effort, try

(1) the **attempt** to rescue the hostages, (2) a reckless **attempt**

The third **attempt** was far more successful.

## colleague

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

*synonym*: coworker, associate, fellow

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

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

## suspend

*v.* to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely

*synonym*: stop, postpone, adjourn

(1) **suspend** a decision, (2) **suspend** fruits from the ceiling

The University **suspended** the most recalcitrant demonstrators.

## countdown

*n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a



term to describe the final stages leading up to a major event or deadline

*synonym* : timer

(1) **countdown** clock, (2) wedding **countdown**

The **countdown** to launch began as the astronauts prepared for their mission.

## deem

*v.* to consider or decide something in a particular way

*synonym* : believe, consider, suppose

(1) **deem** socially responsible, (2) **deem** wrong or inappropriate

Regarding earthquakes, some commercial buildings were **deemed** unsafe.

## ludicrous

*adj.* so ridiculous, unreasonable, or out of place as to be amusing; absurd

*synonym* : absurd, ridiculous, farcical

(1) **ludicrous** idea, (2) **ludicrous** behavior

It's **ludicrous** to blame the teachers for the education system's failures.

## conversation

*n.* an informal talk between two or more people to exchange their views, ideas, information, etc.

*synonym* : chat, discussion, dialogue

(1) **conversation** in English, (2) a friendly **conversation**

Your **conversation** reflects your thoughts.

## systemic

*adj.* affecting or related to the whole of something, especially the human body or a society

(1) the **systemic** arteries, (2) **systemic** reforms of the organization

This vaccine causes mild **systemic** side effects.

## railroad

*n.* metal tracks laid with rails on which trains run; a system of tracks with the trains operated by an organization

*synonym* : railway, track, railway system

(1) coast-to-coast **railroad**, (2) **railroad** industry

The town was founded in the 19th century as a stop on the **railroad**, and it grew rapidly as a result.

## usher

*n.* a person who shows people to their seats in a theater or church or who guides them through a building

*synonym*: guide, escort, conductor

(1) act as **usher**, (2) **usher** theater

The uniformed **usher** showed the guests to their seats.

## industrial

*adj.* of or relating to or resulting from industry

*synonym*: manufacturing, mechanical

(1) beginning of the **industrial** revolution, (2) **industrial** alcohol

**Industrial** design has become more focused on human nature aspect than ever before.

## revolution

*n.* a large-scale attempt to overthrow the government of a country, often using violence or war;

*synonym*: coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution**

The **revolution** by the citizen resulted in a redistribution of wealth.

## inflection

*n.* a change in the pitch or tone of one's voice; a change in the form of a word to indicate tense, mood, gender, or other grammatical categories

*synonym*: accent, intonation, modulation

(1) **inflection** in voice, (2) **inflection** pattern

The linguist studied the **inflection** of the language's inflection in speech.

## carbon

*n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

(1) **carbon** dioxide, (2) **carbon** emission

Trees absorb **carbon** dioxide and give off oxygen.

## invest

v. to put money, effort, time, etc. into something to make a profit or achieve a result

*synonym*: fund, sponsor, support

(1) **invest** in stocks, (2) **invest** capital

The government should view children as national assets and actively **invest** in them.

## infrastructure

n. the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies

*synonym*: foundation, framework

(1) IT **infrastructure**, (2) **infrastructure** cost

Aging societies tend to require huge costs for **infrastructure** maintenance.

## surf

v. to ride on or through waves while standing or lying down on a board or other object; to search or browse the Internet or other computer networks in a casual or aimless manner

*synonym*: browse, scan, paddle

(1) **surf** the Internet, (2) **surf** the waves

I'll **surf** the online store to see if I can find that item in a different color.

## distance

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

*synonym*: space, gap, span

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

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

## **pollution**

*n.* the introduction of harmful substances or waste into the natural environment that causes adverse change

*synonym*: corrosion, deterioration, corruption

(1) environmental **pollution**, (2) high levels of air **pollution**

The **pollution** is endangering the local plants and animals.

## Session 2: Spelling

1. inc\_\_\_\_\_ble pain *adj.* hard to imagine or believe
2. independent au\_\_\_\_\_r *n.* a person who officially examines and verifies financial accounts and records; an official who evaluates and reports on the quality or effectiveness of something
3. mu\_\_y perfume *adj.* having a strong, earthy smell that is often reminiscent of musk or moss
4. ev\_\_\_e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
5. development of the ne\_\_\_\_\_s system *adj.* worried and anxious about something; relating to the nerves
6. lig\_\_\_\_\_ar distance *n.* a unit of distance used in astronomy to represent the distance that light travels in a year, which is equal to about 9.46 trillion kilometers or 5.88 trillion miles
7. h\_p from one place to another *v.* to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.
8. telescopic vi\_\_\_n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
9. de\_\_\_\_\_te a few hours *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

ANSWERS: 1. inconceivable, 2. auditor, 3. musky, 4. evolve, 5. nervous, 6. light-year, 7. hop, 8. vision, 9. dedicate

10. early pr\_\_\_\_\_pe *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
11. beginning of the ind\_\_\_\_\_al revolution *adj.* of or relating to or resulting from industry
12. vo\_\_\_e of work *n.* the amount of space occupied by an object or substance; the magnitude of sound
13. inc\_\_\_\_\_ble ideas *adj.* hard to imagine or believe
14. de\_\_\_\_\_yed evidence *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
15. pr\_\_\_\_\_e analyses *adj.* sharply exact or accurate or delimited
16. a ha\_\_\_\_\_me young man *adj.* physically attractive and pleasing in appearance; attractive and generous
17. he was en\_\_\_\_\_ly to blame *adv.* completely
18. de\_\_\_e a literary plot *v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
19. de\_\_\_e a word *v.* to state or explain precisely the nature, scope, or meaning of something
20. an ai\_\_\_\_\_ft landing *n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter
21. cocoa p\_d *n.* a seed case, especially of a leguminous plant such as a pea or bean; a detachable container of something, especially on an airplane

ANSWERS: 10. prototype, 11. industrial, 12. volume, 13. inconceivable, 14. destroy, 15. precise, 16. handsome, 17. entirely, 18. devise, 19. define, 20. aircraft, 21. pod

22. mu\_\_y aroma *adj.* having a strong, earthy smell that is often reminiscent of musk or moss
23. AI expert *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
24. inf\_\_\_\_\_on in voice *n.* a change in the pitch or tone of one's voice; a change in the form of a word to indicate tense, mood, gender, or other grammatical categories
25. first design sk\_\_\_hes *n.* a simple, quickly-made picture that does not have many details; a short descriptive summary of something
26. official sta\_\_\_\_\_cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
27. estimate pr\_\_\_\_\_e costs *adj.* sharply exact or accurate or delimited
28. gi\_\_t tech company *adj.* enormous; much bigger or more important than similar items usually are
29. d\_\_m wrong or inappropriate *v.* to consider or decide something in a particular way
30. develop a vi\_\_\_e therapy *adj.* capable of being done as intended; able to succeed
31. op\_\_\_\_\_e 24 hours a day *v.* to work in a particular way; to supervise something

ANSWERS: 22. musky, 23. AI, 24. inflection, 25. sketch, 26. statistics, 27. precise, 28. giant, 29. deem, 30. viable, 31. operate

32. in\_\_\_\_\_ng stories *adj.* stimulating and motivating you to want to do something
33. ai\_\_\_\_\_ft control system *n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter
34. all in a sw\_\_t *n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress
35. su\_\_\_\_\_d a decision *v.* to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely
36. re\_\_e existing knowledge *v.* to use something again or more than once
37. pr\_\_\_\_\_e changes *v.* to make a proposal, declare a plan for something
38. up\_\_\_\_\_e work performance *v.* to improve the value or usefulness of something such as a machine, computer system, etc., or to replace it with something newer or of a higher standard
39. d\_\_e off a cliff *v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
40. a fr\_\_\_\_\_onal share of the vote *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
41. ma\_\_v technology *n.* (short for magnetic levitation) a type of transportation system that uses magnetic levitation (= the phenomenon of an object or a person rising into the air) to lift and propel trains or vehicles along a track without the use of wheels or friction; often used for high-speed trains and urban transportation systems

ANSWERS: 32. inspiring, 33. aircraft, 34. sweat, 35. suspend, 36. reuse, 37. propose, 38. upgrade, 39. dive, 40. fraction, 41. maglev



42. ind\_\_\_\_\_us student *adj.* hardworking, diligent, and persistent in effort
43. the meridian al\_\_\_\_\_de *n.* the height of an object or point in relation to sea level or ground level
44. mass tr\_\_\_\_\_t *n.* the act or process of passing through or across a place or state; transportation
45. a political rev\_\_\_\_\_on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
46. learn new co\_\_\_\_\_ts *n.* an idea or principle associated with something abstract
47. inf\_\_\_\_\_on pattern *n.* a change in the pitch or tone of one's voice; a change in the form of a word to indicate tense, mood, gender, or other grammatical categories
48. ro\_\_\_\_t attack against the enemy *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
49. a b\_\_d design *adj.* brave, daring, and confident; not frightened of danger or afraid to say what you feel or to take risks
50. a tr\_\_\_\_\_t visa *n.* the act or process of passing through or across a place or state; transportation
51. d\_\_b creatures *adj.* lacking the power of speech, unable to speak; stupid, or lacking intelligence
52. beginning of the industrial  
rev\_\_\_\_\_on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;

ANSWERS: 42. industrious, 43. altitude, 44. transit, 45. revolution, 46. concept, 47. inflection, 48. rocket, 49. bold, 50. transit, 51. dumb, 52. revolution

53. equ\_\_\_\_\_nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
54. en\_\_\_\_\_on the future *v.* to imagine or expect what a situation will be like in the future
55. de\_\_\_e my position *v.* to state or explain precisely the nature, scope, or meaning of something
56. f\_\_d a river *n.* a shallow place in a river or stream where it is possible to walk or drive across
57. rapid transit su\_\_\_y *n.* an underground railway system, typically in a city
58. ca\_\_\_n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
59. ma\_\_\_\_\_in display *n.* a life-sized model of the human body used for displaying clothes, especially in a store window
60. average fuel con\_\_\_\_\_on *n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials
61. a capillary t\_\_e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
62. escape p\_d *n.* a seed case, especially of a leguminous plant such as a pea or bean; a detachable container of something, especially on an airplane

ANSWERS: 53. equivalent, 54. envision, 55. define, 56. ford, 57. subway, 58. carbon, 59. mannequin, 60. consumption, 61. tube, 62. pod

63. produce ta\_\_\_\_\_le results *adj.* real and concrete; able to be perceived, especially able to be touched; (of business assets) having physical substance and intrinsic monetary value
64. medical ca\_\_\_\_\_e *n.* a small, enclosed container often used for holding medicines or supplements or for transporting payloads in spacecraft; a small, elongated structure within the body, such as a joint or a gland
65. emissions of gre\_\_\_\_\_se gases *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
66. ev\_\_\_\_\_e *v.* to develop gradually, or to cause the development of something or someone gradually
67. a ha\_\_\_\_\_me salary *adj.* physically attractive and pleasing in appearance; attractive and generous
68. de\_\_\_\_\_y the ecosystem *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
69. ro\_\_\_\_\_t fuel *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
70. ind\_\_\_\_\_nce ceremony *n.* freedom from another's or others' control or influence
71. re\_\_\_\_\_r an assessment *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.

ANSWERS: 63. tangible, 64. capsule, 65. greenhouse, 66. evolve, 67. handsome, 68. destroy, 69. rocket, 70. independence, 71. render

72. su\_\_\_y train *n.* an underground railway system, typically in a city
73. DC mo\_\_\_r control *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
74. d\_\_\_e into anime communities *v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
75. alien sp\_\_\_\_\_ip *n.* (especially in science fiction) a spacecraft designed to carry a crew into interstellar space
76. answer co\_\_\_\_\_ss questions *adj.* too numerous to be counted or very many
77. a car-wr\_\_\_t *n.* a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal
78. an international tr\_\_\_d *n.* a general direction in which something is changing or developing
79. con\_\_\_\_\_or of funds *n.* a person or thing that adds to the achievement, production, or growth of something (such as a project, organization, or publication); a donor or benefactor
80. common in\_\_\_\_\_on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
81. financial ind\_\_\_\_\_nce *n.* freedom from another's or others' control or influence
82. environmental po\_\_\_\_\_on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change

ANSWERS: 72. subway, 73. motor, 74. dive, 75. spaceship, 76. countless, 77. wright, 78. trend, 79. contributor, 80. invention, 81. independence, 82. pollution

83. ind\_\_\_\_\_us worker *adj.* hardworking, diligent, and persistent in effort
84. ta\_\_\_\_\_le assets *adj.* real and concrete; able to be perceived, especially able to be touched; (of business assets) having physical substance and intrinsic monetary value
85. leather st\_\_p *n.* a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport
86. furrowed b\_\_w *n.* the ridge over the eye sockets; the forehead
87. ef\_\_\_\_\_nt operation *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
88. sta\_\_\_\_\_art technology *adj.* characterized by the use of the latest and most advanced technology or methods; cutting-edge
89. an aut\_\_\_\_\_us judiciary *adj.* capable of governing or controlling its affairs
90. h\_p on one foot *v.* to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.
91. st\_\_\_\_\_re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

ANSWERS: 83. industrious, 84. tangible, 85. strap, 86. brow, 87. efficient, 88. state-of-the-art, 89. autonomous, 90. hop, 91. structure

92. build a mo\_\_\_\_r system *adj.* consisting of distinct or separable parts or units that can be joined together and form a complete whole
93. complete a pr\_\_\_\_pe product *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
94. a letter of inv\_\_\_\_on *n.* a spoken or written request to participate or be present or take part in something
95. fun\_\_\_\_al deafness *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
96. g\_\_k enthusiast *n.* a person who is highly interested and knowledgeable about a particular subject or field, often to the point of being obsessed
97. ind\_\_\_\_al alcohol *adj.* of or relating to or resulting from industry
98. up\_\_\_\_e a product *v.* to improve the value or usefulness of something such as a machine, computer system, etc., or to replace it with something newer or of a higher standard
99. a huge f\_\_p *v.* to fall or lie down heavily and clumsily; (noun) a complete failure
100. struck d\_\_b *adj.* lacking the power of speech, unable to speak; stupid, or lacking intelligence
101. the st\_\_\_\_re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

ANSWERS: 92. modular, 93. prototype, 94. invitation, 95. functional, 96. geek, 97. industrial, 98. upgrade, 99. flop, 100. dumb, 101. structure

102. h\_\_l on a rope  
*v.* to physically drag or pull someone or something with effort
103. high-speed va\_\_\_\_in  
*n.* a type of proposed high-speed train that would travel through a vacuum-sealed tube, using magnetic levitation to eliminate air resistance; vactrains have the potential to reach speeds of up to 6,000 km/h (3,700 mph), making them faster than any other mode of transportation
104. acc\_\_\_\_\_te the car  
*v.* to make something faster or earlier; to cause to develop or progress more quickly
105. a dry ba\_\_\_\_\_y  
*n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
106. an eco\_\_\_\_\_al meal  
*adj.* providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary
107. co\_\_\_\_\_ed of the idea  
*adj.* completely certain about something; having a strong belief or conviction in a particular religion
108. ca\_\_\_\_n emission  
*n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
109. st\_\_\_\_\_nt car sales  
*adj.* not flowing or circulating; standing still; stagnant water
110. co\_\_\_\_\_e to work  
*v.* to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work

ANSWERS: 102. haul, 103. vactrain, 104. accelerate, 105. battery, 106. economical, 107. convinced, 108. carbon, 109. stagnant, 110. commute

111. tu\_\_\_l construction work *n.* an underground or underwater passage, typically for trains or cars
112. talented ph\_\_\_\_\_st *n.* a scientist who specializes in the field of physics
113. opt\_\_\_\_\_ic outlook *adj.* hoping or expecting that good thing will happen or something will be successful
114. f\_\_e their homes *v.* to leave by running away, especially out of fear or danger
115. exit from a l\_\_p *n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
116. tr\_\_\_\_\_rm an education system *v.* to change in outward structure or looks;
117. us\_\_r theater *n.* a person who shows people to their seats in a theater or church or who guides them through a building
118. de\_\_\_e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
119. coast-to-coast ra\_\_\_\_\_ad *n.* metal tracks laid with rails on which trains run; a system of tracks with the trains operated by an organization
120. achieve a vi\_\_\_e relationship *adj.* capable of being done as intended; able to succeed
121. re\_\_\_\_\_e CO2 into the air *v.* to set free or allow to escape from confinement
122. equ\_\_\_\_\_nt amounts *n.* having the same value, quality, meaning, purpose, etc.

ANSWERS: 111. tunnel, 112. physicist, 113. optimistic, 114. flee, 115. loop, 116. transform, 117. usher, 118. decide, 119. railroad, 120. viable, 121. release, 122. equivalent



123. prototype va\_\_\_\_\_in *n.* a type of proposed high-speed train that would travel through a vacuum-sealed tube, using magnetic levitation to eliminate air resistance; vactrains have the potential to reach speeds of up to 6,000 km/h (3,700 mph), making them faster than any other mode of transportation
124. daily co\_\_\_\_\_e *v.* to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work
125. re\_\_\_\_r the contract void *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
126. aut\_\_\_\_\_le insurance *n.* a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods
127. f\_\_p business *v.* to fall or lie down heavily and clumsily; (noun) a complete failure
128. manually op\_\_\_\_\_e a machine *v.* to work in a particular way; to supervise something
129. a tr\_\_\_\_\_on of a culture *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
130. development of aut\_\_\_\_\_us vehicles *adj.* capable of governing or controlling its affairs

ANSWERS: 123. vactrain, 124. commute, 125. render, 126. automobile, 127. flop, 128. operate, 129. tradition, 130. autonomous

131. ob\_\_\_\_\_on with character *n.* the state in which a person's mind is filled with thoughts of one single object or particular person
132. c\_\_m manner *adj.* not excited, angry, or nervous; free from wind, large waves
133. sw\_\_t bath *n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress
134. le\_\_\_\_\_te for a few seconds *v.* to rise or float in the air without apparent support, often in a magical or supernatural manner
135. sta\_\_\_\_\_art software *adj.* characterized by the use of the latest and most advanced technology or methods; cutting-edge
136. en\_\_\_\_\_ly satisfied with the meal *adv.* completely
137. h\_\_l truck *v.* to physically drag or pull someone or something with effort
138. principles of sus\_\_\_\_\_le development *adj.* able to continue or be continued for a long time
139. the em\_\_\_\_\_on of light *n.* the act of production or sending out gas, heat, light, etc.
140. the unf\_\_\_\_\_ar surroundings *adj.* not known or recognized; not experienced or encountered before
141. documentary pr\_\_f *n.* a fact or piece of information that shows something is true or exists
142. across a f\_\_d *n.* a shallow place in a river or stream where it is possible to walk or drive across

ANSWERS: 131. obsession, 132. calm, 133. sweat, 134. levitate, 135. state-of-the-art, 136. entirely, 137. haul, 138. sustainable, 139. emission, 140. unfamiliar, 141. proof, 142. ford

143. the b\_\_w of a hill *n.* the ridge over the eye sockets; the forehead
144. en\_\_\_\_on the project's success *v.* to imagine or expect what a situation will be like in the future
145. a numerator in a fr\_\_\_\_on *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
146. pl\_\_\_\_t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
147. wi\_\_\_\_\_nd temptation *v.* to resist the effect or impact of something
148. a prodigious vi\_\_\_\_n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
149. save the pl\_\_\_\_t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
150. sus\_\_\_\_\_le alternative fuel *adj.* able to continue or be continued for a long time
151. as\_\_\_\_le a jigsaw puzzle *v.* to collect in one place as a single group
152. ad\_\_\_\_e the technology *v.* to go or move forward; to develop in a positive way
153. inv\_\_\_\_\_on of foreign investment *n.* a spoken or written request to participate or be present or take part in something

ANSWERS: 143. brow, 144. envision, 145. fraction, 146. planet, 147. withstand, 148. vision, 149. planet, 150. sustainable, 151. assemble, 152. advance, 153. invitation

154. en\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
155. in\_\_\_\_t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
156. de\_\_\_\_e a plan *v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
157. billions of lig\_\_\_\_ars *n.* a unit of distance used in astronomy to represent the distance that light travels in a year, which is equal to about 9.46 trillion kilometers or 5.88 trillion miles
158. control su\_\_\_\_em *n.* a part or component of a larger system that performs a specific function or functions interdependent with other subsystems to accomplish the overall function of the larger system
159. s\_\_f the waves *v.* to ride on or through waves while standing or lying down on a board or other object; to search or browse the Internet or other computer networks in a casual or aimless manner
160. the sy\_\_\_\_ic arteries *adj.* affecting or related to the whole of something, especially the human body or a society
161. the in\_\_\_\_on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
162. easy qu\_\_\_\_r *n.* a person who gives up easily or does not have the determination to finish what they have started

ANSWERS: 154. engineer, 155. invest, 156. devise, 157. light-year, 158. subsystem, 159. surf, 160. systemic, 161. invention, 162. quitter

163. re\_\_\_\_\_e a prisoner  
*v.* to set free or allow to escape from confinement
164. low al\_\_\_\_\_de  
*n.* the height of an object or point in relation to sea level or ground level
165. st\_\_\_\_\_nt economy  
*adj.* not flowing or circulating; standing still; stagnant water
166. get ne\_\_\_\_\_s  
*adj.* worried and anxious about something; relating to the nerves
167. critical m\_\_\_\_s  
*n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
168. lu\_\_\_\_\_us idea  
*adj.* so ridiculous, unreasonable, or out of place as to be amusing; absurd
169. env\_\_\_\_\_nt affairs  
*n.* the natural world such as air, water, and land in which humans, animals, and plants live
170. gl\_\_e down the mountain  
*v.* to move smoothly and effortlessly
171. driverless aut\_\_\_\_\_le  
*n.* a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods
172. regular con\_\_\_\_\_or  
*n.* a person or thing that adds to the achievement, production, or growth of something (such as a project, organization, or publication); a donor or benefactor
173. co\_\_\_\_\_ss hours  
*adj.* too numerous to be counted or very many

ANSWERS: 163. release, 164. altitude, 165. stagnant, 166. nervous, 167. mass, 168. ludicrous, 169. environment, 170. glide, 171. automobile, 172. contributor, 173. countless

174. f\_\_t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
175. theoretical ph\_\_\_\_\_st *n.* a scientist who specializes in the field of physics
176. serial qu\_\_\_\_\_r *n.* a person who gives up easily or does not have the determination to finish what they have started
177. social di\_\_\_\_\_ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
178. co\_\_\_\_\_t car *n.* an idea or principle associated with something abstract
179. ins\_\_\_\_\_le appetite *adj.* impossible to satisfy or content; having a strong desire or craving that is excessive or unquenchable
180. he is opt\_\_\_\_\_ic *adj.* hoping or expecting that good thing will happen or something will be successful
181. positive feedback l\_\_p *n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
182. space ca\_\_\_\_\_e *n.* a small, enclosed container often used for holding medicines or supplements or for transporting payloads in spacecraft; a small, elongated structure within the body, such as a joint or a gland

ANSWERS: 174. feat, 175. physicist, 176. quitter, 177. distance, 178. concept, 179. insatiable, 180. optimistic, 181. loop, 182. capsule

183. three-fourths of a po\_\_d *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
184. heating su\_\_\_\_\_em *n.* a part or component of a larger system that performs a specific function or functions interdependent with other subsystems to accomplish the overall function of the larger system
185. wi\_\_\_\_\_nd pressure *v.* to resist the effect or impact of something
186. 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
187. hi\_\_\_\_\_ic accomplishment *adj.* famous or significant in history, or potentially so
188. ad\_\_\_\_\_e a cooperative relationship *v.* to go or move forward; to develop in a positive way
189. a li\_\_\_\_r equation *adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph
190. the gen\_\_\_\_\_on of electricity *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
191. inf\_\_\_\_\_ure cost *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
192. tu\_\_\_\_l disease *n.* an underground or underwater passage, typically for trains or cars

ANSWERS: 183. pound, 184. subsystem, 185. withstand, 186. economical, 187. historic, 188. advance, 189. linear, 190. generation, 191. infrastructure, 192. tunnel





201. de\_\_\_e on a course of action      *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
202. re\_\_e the materials      *v.* to use something again or more than once
203. in\_\_\_t capital      *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
204. emotional tur\_\_\_\_\_ce      *n.* a state of great disturbance, confusion, or uncertainty, often accompanied by violent or disruptive activity or behavior, such as air turbulence during a flight
205. acc\_\_\_\_\_te a chemical reaction      *v.* to make something faster or earlier; to cause to develop or progress more quickly
206. collaborate with co\_\_\_\_\_ues      *n.* one of a group of a coworker, especially in a profession or a business
207. ma\_\_\_\_\_ic field      *adj.* having the properties of attracting or repelling certain materials containing iron or steel
208. thousands of po\_\_ds      *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
209. gl\_\_e through the water      *v.* to move smoothly and effortlessly
210. former co\_\_\_\_\_ue      *n.* one of a group of a coworker, especially in a profession or a business
211. sy\_\_\_\_\_ic reforms of the organization      *adj.* affecting or related to the whole of something, especially the human body or a society

ANSWERS: 201. decide, 202. reuse, 203. invest, 204. turbulence, 205. accelerate, 206. colleague, 207. magnetic, 208. pound, 209. glide, 210. colleague, 211. systemic

212. a sp\_\_\_\_\_ip to survey the moon *n.* (especially in science fiction) a spacecraft designed to carry a crew into interstellar space
213. tr\_\_\_\_\_rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
214. le\_\_\_\_\_te objects *v.* to rise or float in the air without apparent support, often in a magical or supernatural manner
215. a penciled sk\_\_\_\_h *n.* a simple, quickly-made picture that does not have many details; a short descriptive summary of something
216. a layer of al\_\_\_\_\_um foil *n.* a chemical element with the symbol Al that visually resembles silver, used especially for making cooking equipment and aircraft parts
217. ra\_\_\_\_\_ad industry *n.* metal tracks laid with rails on which trains run; a system of tracks with the trains operated by an organization
218. labor under a de\_\_\_\_\_on *n.* a false belief or impression that is firmly held despite evidence to the contrary
219. access to public tr\_\_\_\_\_rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
220. gi\_\_t trees *adj.* enormous; much bigger or more important than similar items usually are
221. con\_\_\_\_\_ion in English *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.

ANSWERS: 212. spaceship, 213. transport, 214. levitate, 215. sketch, 216. aluminum, 217. railroad, 218. delusion, 219. transport, 220. giant, 221. conversation

222. fl\_\_\_\_sh worldwide      *v.* to grow or develop vigorously or successfully
223. high levels of air po\_\_\_\_\_on      *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
224. la\_\_\_\_h a big attack      *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
225. high vo\_\_\_\_e      *n.* the amount of space occupied by an object or substance; the magnitude of sound
226. de\_\_\_\_\_te a chapter to the subject      *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
227. sta\_\_\_\_\_cs for cancer      *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
228. va\_\_\_\_m cleaner      *n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction
229. an in\_\_\_\_e scheme      *adj.* extremely stupid, crazy, or dangerous; mentally ill
230. act as us\_\_r      *n.* a person who shows people to their seats in a theater or church or who guides them through a building
231. achieve the hi\_\_\_\_\_ic feat      *adj.* famous or significant in history, or potentially so

ANSWERS: 222. flourish, 223. pollution, 224. launch, 225. volume, 226. dedicate, 227. statistics, 228. vacuum, 229. insane, 230. usher, 231. historic

232. the tr\_\_d away from television *n.* a general direction in which something is changing or developing
233. exotic plants in a gre\_\_\_\_\_se *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
234. pr\_\_\_\_\_e the amendment *v.* to make a proposal, declare a plan for something
235. a reckless at\_\_\_\_\_t *n.* an act or effort of trying to do something, especially something difficult
236. wedding co\_\_\_\_\_wn *n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline
237. an al\_\_\_\_\_um alloy *n.* a chemical element with the symbol Al that visually resembles silver, used especially for making cooking equipment and aircraft parts
238. a glass t\_\_e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
239. IT inf\_\_\_\_\_ure *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
240. global em\_\_\_\_\_ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.

ANSWERS: 232. trend, 233. greenhouse, 234. propose, 235. attempt, 236. countdown, 237. aluminum, 238. tube, 239. infrastructure, 240. emission

241. a geometric pr\_\_f *n.* a fact or piece of information that shows something is true or exists
242. external au\_\_\_\_r *n.* a person who officially examines and verifies financial accounts and records; an official who evaluates and reports on the quality or effectiveness of something
243. c\_\_m sea *adj.* not excited, angry, or nervous; free from wind, large waves
244. res\_\_\_\_\_ce to insulin *n.* the act of defending oneself from an aggressor or refusing to accept something
245. tr\_\_\_\_\_rm heat into power *v.* to change in outward structure or looks;
246. su\_\_\_\_\_d fruits from the ceiling *v.* to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely
247. pose ma\_\_\_\_\_in *n.* a life-sized model of the human body used for displaying clothes, especially in a store window
248. ins\_\_\_\_\_le curiosity *adj.* impossible to satisfy or content; having a strong desire or craving that is excessive or unquenchable
249. li\_\_\_r trend *adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph
250. the con\_\_\_\_\_on of food *n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials

ANSWERS: 241. proof, 242. auditor, 243. calm, 244. resistance, 245. transform, 246. suspend, 247. mannequin, 248. insatiable, 249. linear, 250. consumption

251. aircraft wr\_\_\_t      *n.* a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal
252. big, b\_\_d piano sounds      *adj.* brave, daring, and confident; not frightened of danger or afraid to say what you feel or to take risks
253. co\_\_\_\_\_wn clock      *n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline
254. va\_\_\_m packing      *n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction
255. a friendly con\_\_\_\_\_ion      *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
256. as\_\_\_\_\_le your colleagues      *v.* to collect in one place as a single group
257. a re\_\_\_\_\_ic goal      *adj.* having or showing a sensible and practical idea that is possible to achieve
258. ba\_\_\_\_\_y charging      *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
259. against tr\_\_\_\_\_on      *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
260. the at\_\_\_\_\_t to rescue the hostages      *n.* an act or effort of trying to do something, especially something difficult

ANSWERS: 251. wright, 252. bold, 253. countdown, 254. vacuum, 255. conversation, 256. assemble, 257. realistic, 258. battery, 259. tradition, 260. attempt

261. oasis in the de\_\_\_t *n.* arid land with little or no vegetation often covered with sand or rocks
262. fl\_\_\_\_sh economically *v.* to grow or develop vigorously or successfully
263. energy-ef\_\_\_\_\_nt appliances *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
264. field of fun\_\_\_\_\_al medicine *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
265. s\_\_f the Internet *v.* to ride on or through waves while standing or lying down on a board or other object; to search or browse the Internet or other computer networks in a casual or aimless manner
266. a mo\_\_r mechanic *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
267. lu\_\_\_\_\_us behavior *adj.* so ridiculous, unreasonable, or out of place as to be amusing; absurd
268. around unf\_\_\_\_\_ar people *adj.* not known or recognized; not experienced or encountered before
269. de\_\_\_t basin *n.* arid land with little or no vegetation often covered with sand or rocks
270. airplane g\_\_k *n.* a person who is highly interested and knowledgeable about a particular subject or field, often to the point of being obsessed

ANSWERS: 261. desert, 262. flourish, 263. efficient, 264. functional, 265. surf, 266. motor, 267. ludicrous, 268. unfamiliar, 269. desert, 270. geek

271. co\_\_\_\_\_ed criminal *adj.* completely certain about something; having a strong belief or conviction in a particular religion
272. financial tur\_\_\_\_\_ce *n.* a state of great disturbance, confusion, or uncertainty, often accompanied by violent or disruptive activity or behavior, such as air turbulence during a flight
273. cr\_\_y about cars and racing *adj.* stupid or not sensible; very angry
274. a m\_\_s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
275. intellectual f\_\_t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
276. national ob\_\_\_\_\_on *n.* the state in which a person's mind is filled with thoughts of one single object or particular person
277. chaotic env\_\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
278. a cr\_\_y scheme *adj.* stupid or not sensible; very angry
279. mo\_\_\_\_\_r furniture *adj.* consisting of distinct or separable parts or units that can be joined together and form a complete whole
280. res\_\_\_\_\_ce movement *n.* the act of defending oneself from an aggressor or refusing to accept something

ANSWERS: 271. convinced, 272. turbulence, 273. crazy, 274. mass, 275. feat, 276. obsession, 277. environment, 278. crazy, 279. modular, 280. resistance



281. driving di\_\_\_\_ce                      *n.*    the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
282. go in\_\_\_e with pleasure            *adj.* extremely stupid, crazy, or dangerous; mentally ill
283. ma\_\_\_v transportation              *n.*    (short for magnetic levitation) a type of transportation system that uses magnetic levitation (= the phenomenon of an object or a person rising into the air) to lift and propel trains or vehicles along a track without the use of wheels or friction; often used for high-speed trains and urban transportation systems
284. a civil en\_\_\_\_er                      *n.*    a person whose job is designing, building, or maintaining something such as machines, structures, or software
285. f\_\_e abroad                            *v.*    to leave by running away, especially out of fear or danger

ANSWERS: 281. distance, 282. insane, 283. maglev, 284. engineer, 285. flee

## Session 3: Fill in the Blanks

1. They had to \_\_\_\_\_ the boat out of the water for repairs.  
*v.* to physically drag or pull someone or something with effort
2. The supermarket encourages shoppers to \_\_\_\_\_ plastic bags.  
*v.* to use something again or more than once
3. She wiped the \_\_\_\_\_ off her forehead with a towel.  
*n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress
4. 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
5. They launched a crewless \_\_\_\_\_ into space.  
*n.* (especially in science fiction) a spacecraft designed to carry a crew into interstellar space
6. To advance this discussion, we must \_\_\_\_\_ "success" rigorously.  
*v.* to state or explain precisely the nature, scope, or meaning of something
7. The oil price continued their downward \_\_\_\_\_.  
*n.* a general direction in which something is changing or developing
8. The \_\_\_\_\_ jets gradually dominate the world's airlines.  
*adj.* enormous; much bigger or more important than similar items usually are

ANSWERS: 1. haul, 2. reuse, 3. sweat, 4. rocket, 5. spaceship, 6. define, 7. trend, 8. giant

9. He suffers from \_\_\_\_\_ breakdowns.

*adj.* worried and anxious about something; relating to the nerves

10. It's an excellent opportunity to \_\_\_\_\_ our networking.

*v.* to improve the value or usefulness of something such as a machine, computer system, etc., or to replace it with something newer or of a higher standard

11. An \_\_\_\_\_ teacher might spark students' motivation to succeed.

*adj.* stimulating and motivating you to want to do something

12. Energy-efficient \_\_\_\_\_ are needed to maximize the cruising distance of electric vehicles.

*n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work

13. The government should view children as national assets and actively \_\_\_\_\_ in them.

*v.* to put money, effort, time, etc. into something to make a profit or achieve a result

14. The jury must \_\_\_\_\_ a decision on this complex case.

*v.* to bring someone or something into a particular state; to provide something such as service, help, etc.

15. She was \_\_\_\_\_ with the city and got lost while trying to find her way back to the hotel.

*adj.* not known or recognized; not experienced or encountered before

16. Proxima Centauri is the closest star to Earth, located about 4.24 \_\_\_\_\_ away.

*n.* a unit of distance used in astronomy to represent the distance that light travels in a year, which is equal to about 9.46 trillion kilometers or 5.88 trillion miles

ANSWERS: 9. nervous, 10. upgrade, 11. inspiring, 12. motors, 13. invest, 14. render, 15. unfamiliar, 16. light-years

17. The content is \_\_\_\_\_ and informative for me.

*adj.* sharply exact or accurate or delimited

18. The Ottoman Empire \_\_\_\_\_ for over five centuries.

*v.* to grow or develop vigorously or successfully

19. The \_\_\_\_\_ will repair my telephone tomorrow morning.

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

20. It is an incredible \_\_\_\_\_ to climb Mount Everest, the highest mountain in the world.

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

21. He was known to be very \_\_\_\_\_ and would often work late into the night.

*adj.* hardworking, diligent, and persistent in effort

22. The \_\_\_\_\_ of people who do not own property is politically impotent.

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

23. The animal rights group worked to \_\_\_\_\_ the dolphins back into the wild.

*v.* to set free or allow to escape from confinement

24. The \_\_\_\_\_ demonstrate that poverty and unemployment are genuine problems.

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

ANSWERS: 17. precise, 18. flourished, 19. engineer, 20. feat, 21. industrious, 22. mass, 23. release, 24. statistics

25. He had a \_\_\_\_\_ that he was a millionaire.

*n.* a false belief or impression that is firmly held despite evidence to the contrary

26. She wiped the sweat from her \_\_\_\_\_ after finishing the marathon.

*n.* the ridge over the eye sockets; the forehead

27. The evolution of processors has dramatically improved the performance of \_\_\_\_.

*n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

28. This vaccine causes mild \_\_\_\_\_ side effects.

*adj.* affecting or related to the whole of something, especially the human body or a society

29. Driving is difficult for me because of my poor \_\_\_\_\_.

*n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

30. She couldn't \_\_\_\_\_ whether to order the pizza or the pasta for dinner.

*v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

31. The flying car is presently in the \_\_\_\_\_ stage.

*n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed

32. The company is set to \_\_\_\_\_ its new product line next month.

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

ANSWERS: 25. delusion, 26. brow, 27. AI, 28. systemic, 29. vision, 30. decide, 31. prototype, 32. launch

33. The athlete tightened the \_\_\_\_\_ on his running shoes before the race.
- n.* a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport
34. The magician appeared to \_\_\_\_\_ off the stage, stunning the audience.
- v.* to rise or float in the air without apparent support, often in a magical or supernatural manner
35. Scientific knowledge will \_\_\_\_\_ significantly with the power of AI.
- v.* to go or move forward; to develop in a positive way
36. The \_\_\_\_\_ effect is a phenomenon that happens naturally.
- n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
37. The rabbit \_\_\_\_\_ over the fence.
- v.* to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.
38. The government tried to \_\_\_\_\_ the commercialization of this development.
- v.* to make something faster or earlier; to cause to develop or progress more quickly
39. The uniformed \_\_\_\_\_ showed the guests to their seats.
- n.* a person who shows people to their seats in a theater or church or who guides them through a building
40. The politician was known for his \_\_\_\_\_ appearance and charm.
- adj.* physically attractive and pleasing in appearance; attractive and generous

ANSWERS: 33. strap, 34. levitate, 35. advance, 36. greenhouse, 37. hopped, 38. accelerate, 39. usher, 40. handsome

41. Male gorillas with good drumming skills are more \_\_\_\_\_.

*adj.* capable of being done as intended; able to succeed

42. The \_\_\_\_\_ to launch began as the astronauts prepared for their mission.

*n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline

43. Gambling became an \_\_\_\_\_ for him, and he eventually lost everything.

*n.* the state in which a person's mind is filled with thoughts of one single object or particular person

44. This container has a \_\_\_\_\_ of 10 cubic meters.

*n.* the amount of space occupied by an object or substance; the magnitude of sound

45. Every human is responsible for taking care of the Earth's \_\_\_\_\_.

*n.* the natural world such as air, water, and land in which humans, animals, and plants live

46. \_\_\_\_\_ design has become more focused on human nature aspect than ever before.

*adj.* of or relating to or resulting from industry

47. The plane flew at a high \_\_\_\_\_ to avoid turbulence.

*n.* the height of an object or point in relation to sea level or ground level

48. The effort to alleviate climate change needs \_\_\_\_\_ action.

*adj.* brave, daring, and confident; not frightened of danger or afraid to say what you feel or to take risks

ANSWERS: 41. viable, 42. countdown, 43. obsession, 44. volume, 45. environment, 46. Industrial, 47. altitude, 48. bold

49. She was a skilled \_\_\_\_\_ able to craft intricate pieces of furniture.  
*n.* a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal
50. Public \_\_\_\_\_ is an essential service for many cities.  
*n.* the act or process of passing through or across a place or state; transportation
51. The car's front bumper cost fifteen hundred \_\_\_\_\_.  
*n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
52. The computer's \_\_\_\_\_ failed and caused the entire system to shut down.  
*n.* a part or component of a larger system that performs a specific function or functions interdependent with other subsystems to accomplish the overall function of the larger system
53. The organizational \_\_\_\_\_ of start-ups is often flat and straightforward.  
*n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
54. This region is predominantly \_\_\_\_\_.  
*n.* arid land with little or no vegetation often covered with sand or rocks
55. The public is \_\_\_\_\_ that the prime minister has committed fraud.  
*adj.* completely certain about something; having a strong belief or conviction in a particular religion
56. A problem that has been pointed out for years finally becomes \_\_\_\_\_.  
*adj.* real and concrete; able to be perceived, especially able to be touched; (of business assets) having physical substance and intrinsic monetary value

ANSWERS: 49. wright, 50. transit, 51. pounds, 52. subsystem, 53. structure, 54. desert, 55. convinced, 56. tangible



57. The company's stock prices \_\_\_\_\_ after the poor earnings report.

*v.* to fall or lie down heavily and clumsily; (noun) a complete failure

58. He was a computer \_\_\_\_\_ and spent all his free time coding.

*n.* a person who is highly interested and knowledgeable about a particular subject or field, often to the point of being obsessed

59. The mobile phone was still \_\_\_\_\_ even after being dropped.

*adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

60. It's \_\_\_\_\_ to blame the teachers for the education system's failures.

*adj.* so ridiculous, unreasonable, or out of place as to be amusing; absurd

61. Many people in this city use the \_\_\_\_\_ railway for transportation.

*n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself

62. He spent only a \_\_\_\_\_ of his earnings.

*n.* a small part or item forming a piece of a whole; the quotient of two rational numbers

63. This machine is too difficult to \_\_\_\_\_ for me.

*v.* to work in a particular way; to supervise something

64. Her excessive demands drove me \_\_\_\_\_.

*adj.* extremely stupid, crazy, or dangerous; mentally ill

65. Regarding earthquakes, some commercial buildings were \_\_\_\_\_ unsafe.

*v.* to consider or decide something in a particular way

ANSWERS: 57. flop, 58. geek, 59. functional, 60. ludicrous, 61. loop, 62. fraction, 63. operate, 64. insane, 65. deemed

66. Enhanced rail \_\_\_\_\_ is crucial for our business.  
*n.* a system for moving people or products from one location to another using automobiles, roads, and so on
67. The new phone is waterproof and can \_\_\_\_\_ being dropped in water.  
*v.* to resist the effect or impact of something
68. The \_\_\_\_\_ is endangering the local plants and animals.  
*n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
69. Einstein was an outstanding and famous \_\_\_\_\_ of the 20th century.  
*n.* a scientist who specializes in the field of physics
70. The third \_\_\_\_\_ was far more successful.  
*n.* an act or effort of trying to do something, especially something difficult
71. The river was too deep to cross, so we had to find a \_\_\_\_\_ downstream where the water was shallower.  
*n.* a shallow place in a river or stream where it is possible to walk or drive across
72. The linguist studied the \_\_\_\_\_ of the language's inflection in speech.  
*n.* a change in the pitch or tone of one's voice; a change in the form of a word to indicate tense, mood, gender, or other grammatical categories
73. The president began to \_\_\_\_\_ an army.  
*v.* to collect in one place as a single group
74. We cannot \_\_\_\_\_ her as President.  
*v.* to imagine or expect what a situation will be like in the future

ANSWERS: 66. transportation, 67. withstand, 68. pollution, 69. physicist, 70. attempt, 71. ford, 72. inflection, 73. assemble, 74. envision

75. The \_\_\_\_\_ train was packed with commuters during rush hour.
- n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
76. Some of the parts of this car are made of \_\_\_\_\_ to reduce weight.
- n.* a chemical element with the symbol Al that visually resembles silver, used especially for making cooking equipment and aircraft parts
77. I want to \_\_\_\_\_ a toast in honor of our longstanding relationship.
- v.* to make a proposal, declare a plan for something
78. There are five distinct \_\_\_\_\_ at five unique wavelengths.
- n.* the act of production or sending out gas, heat, light, etc.
79. The bill to increase the consumption tax had passed despite much \_\_\_\_\_ from the public.
- n.* the act of defending oneself from an aggressor or refusing to accept something
80. The new washing machine is much more \_\_\_\_\_ than the old one.
- adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
81. The store's window display featured a series of \_\_\_\_\_ dressed in the latest fashion.
- n.* a life-sized model of the human body used for displaying clothes, especially in a store window
82. The \_\_\_\_\_ industry is a major contributor to air pollution in cities.
- n.* a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods

ANSWERS: 75. tube, 76. aluminum, 77. propose, 78. emissions, 79. resistance, 80. efficient, 81. mannequins, 82. automobile

83. Five of the six provinces will become \_\_\_\_\_ regions under the new federal system of government.  
*adj.* capable of governing or controlling its affairs
84. Computers have a \_\_\_\_\_ structure, making it easy to upgrade essential functions.  
*adj.* consisting of distinct or separable parts or units that can be joined together and form a complete whole
85. In our country, water \_\_\_\_\_ usually decreases during the winter.  
*n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials
86. There is nothing more valuable than \_\_\_\_\_ and freedom.  
*n.* freedom from another's or others' control or influence
87. The town was founded in the 19th century as a stop on the \_\_\_\_\_ and it grew rapidly as a result.  
*n.* metal tracks laid with rails on which trains run; a system of tracks with the trains operated by an organization
88. The marathon runner covered a long \_\_\_\_\_ in a short amount of time.  
*n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
89. The government \_\_\_\_\_ was tasked with assessing the validity of the organization's expenditures.  
*n.* a person who officially examines and verifies financial accounts and records; an official who evaluates and reports on the quality or effectiveness of something

ANSWERS: 83. autonomous, 84. modular, 85. consumption, 86. independence, 87. railroad, 88. distance, 89. auditor

90. Most executives were \_\_\_\_\_ about future business conditions.

*adj.* hoping or expecting that good thing will happen or something will be successful

91. It would be \_\_\_\_\_ for him to alter his behavior.

*adj.* hard to imagine or believe

92. The building was \_\_\_\_\_ in the fire and had to be rebuilt.

*v.* to ruin or damage severely or completely; to eradicate or eliminate completely

93. He \_\_\_\_\_ his life to helping others.

*v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

94. The \_\_\_\_ of whales swam gracefully through the water.

*n.* a seed case, especially of a leguminous plant such as a pea or bean; a detachable container of something, especially on an airplane

95. The \_\_\_\_\_ force of the earth keeps our planet spinning.

*adj.* having the properties of attracting or repelling certain materials containing iron or steel

96. I will be very happy to accept your \_\_\_\_\_.

*n.* a spoken or written request to participate or be present or take part in something

97. The rain and thunder are \_\_\_\_\_ today.

*adj.* stupid or not sensible; very angry

98. The ride on the rollercoaster was full of dips and turns, creating a feeling of \_\_\_\_\_.

*n.* a state of great disturbance, confusion, or uncertainty, often accompanied by violent or disruptive activity or behavior, such as air turbulence during a flight

ANSWERS: 90. optimistic, 91. inconceivable, 92. destroyed, 93. dedicated, 94. pod, 95. magnetic, 96. invitation, 97. crazy, 98. turbulence

99. He took the \_\_\_\_\_ to work every day to avoid traffic congestion.

*n.* an underground railway system, typically in a city

100. His \_\_\_\_\_ hunger for success drove him to work countless hours.

*adj.* impossible to satisfy or content; having a strong desire or craving that is excessive or unquenchable

101. Scientists and engineers are researching ways to develop \_\_\_\_\_ technology further and make it more efficient and cost-effective.

*n.* a type of proposed high-speed train that would travel through a vacuum-sealed tube, using magnetic levitation to eliminate air resistance; vactrains have the potential to reach speeds of up to 6,000 km/h (3,700 mph), making them faster than any other mode of transportation

102. The government should do more to support environmentally \_\_\_\_\_ agriculture.

*adj.* able to continue or be continued for a long time

103. The engine did not start because the \_\_\_\_\_ was flat.

*n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

104. The younger \_\_\_\_\_ has different values and beliefs than the older one.

*n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity

105. The \_\_\_\_\_ water in the pond is a breeding ground for mosquitoes.

*adj.* not flowing or circulating; standing still; stagnant water

106. It is a basic instinct to \_\_\_\_\_ from a dangerous situation.

*v.* to leave by running away, especially out of fear or danger

ANSWERS: 99. subway, 100. insatiable, 101. vactrain, 102. sustainable, 103. battery, 104. generation, 105. stagnant, 106. flee

107. The eagle gracefully \_\_\_\_\_ on the thermals, soaring above the mountains.

*v.* to move smoothly and effortlessly

108. 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

109. He made a \_\_\_\_\_ mistake and forgot to submit the report on time.

*adj.* lacking the power of speech, unable to speak; stupid, or lacking intelligence

110. There are \_\_\_\_\_ methods for dealing with stress.

*adj.* too numerous to be counted or very many

111. The \_\_\_\_\_ scent of the old book filled the air of the dusty library.

*adj.* having a strong, earthy smell that is often reminiscent of musk or moss

112. He had to \_\_\_\_\_ two hours each way to get to work.

*v.* to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work

113. \_\_\_\_\_ trains can reach very high speeds due to their unique design.

*n.* (short for magnetic levitation) a type of transportation system that uses magnetic levitation (= the phenomenon of an object or a person rising into the air) to lift and propel trains or vehicles along a track without the use of wheels or friction; often used for high-speed trains and urban transportation systems

114. The University \_\_\_\_\_ the most recalcitrant demonstrators.

*v.* to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely

ANSWERS: 107. glided, 108. economical, 109. dumb, 110. countless, 111. musky, 112. commute, 113. Maglev, 114. suspended

115. The marine \_\_\_\_\_ manufacturer demonstrated their newest hydroplane.  
*n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter
116. Necessity is the mother of \_\_\_\_\_.  
*n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
117. Eyeless fish \_\_\_\_\_ in dark caves.  
*v.* to develop gradually, or to cause the development of something or someone gradually
118. That story was so \_\_\_\_\_ and it was scary.  
*adj.* having or showing a sensible and practical idea that is possible to achieve
119. Trees absorb \_\_\_\_\_ dioxide and give off oxygen.  
*n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
120. \_\_\_\_\_ is better than argument.  
*n.* a fact or piece of information that shows something is true or exists
121. The Chinese people have accomplished several \_\_\_\_\_ feats.  
*adj.* famous or significant in history, or potentially so
122. Later, his claim was found to be \_\_\_\_\_ false.  
*adv.* completely
123. He was labeled as a \_\_\_\_\_ after he abandoned the project halfway.  
*n.* a person who gives up easily or does not have the determination to finish what they have started

ANSWERS: 115. aircraft, 116. invention, 117. evolved, 118. realistic, 119. carbon, 120. Proof, 121. historic, 122. entirely, 123. quitter



124. My father's death \_\_\_\_\_ my life completely.

*v.* to change in outward structure or looks;

125. I decided to seek counseling on the advice of my \_\_\_\_\_.

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

126. Yesterday, I created a rough \_\_\_\_\_ of the plan.

*n.* a simple, quickly-made picture that does not have many details; a short descriptive summary of something

127. The \_\_\_\_\_ hotel room may be small but it has all the necessary amenities.

*n.* a small, enclosed container often used for holding medicines or supplements or for transporting payloads in spacecraft; a small, elongated structure within the body, such as a joint or a gland

128. Aging societies tend to require huge costs for \_\_\_\_\_ maintenance.

*n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies

129. They had to \_\_\_\_\_ a system that did not depend on fossil fuels.

*v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination

130. One such rapidly growing \_\_\_\_\_ is quantum cryptography.

*n.* an idea or principle associated with something abstract

131. Please use the \_\_\_\_\_ to clean up the mess on the floor.

*n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction

ANSWERS: 124. transformed, 125. colleague, 126. sketch, 127. capsule, 128. infrastructure, 129. devise, 130. concept, 131. vacuum

132. The workers had to dig through solid rock to create the vehicular \_\_\_\_\_ allowing the cars to pass through the mountain.  
*n.* an underground or underwater passage, typically for trains or cars
133. The European Central Bank is Europe's \_\_\_\_\_ of the Federal Reserve.  
*n.* having the same value, quality, meaning, purpose, etc.
134. People tend to make \_\_\_\_\_ predictions.  
*adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph
135. She is a major \_\_\_\_\_ to the local food bank, volunteering every week.  
*n.* a person or thing that adds to the achievement, production, or growth of something (such as a project, organization, or publication); a donor or benefactor
136. Your \_\_\_\_\_ reflects your thoughts.  
*n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
137. The sperm whale can \_\_\_\_\_ to 1,000 meters.  
*v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
138. The hospital has \_\_\_\_\_ equipment and facilities to ensure the best healthcare for its patients.  
*adj.* characterized by the use of the latest and most advanced technology or methods; cutting-edge
139. The \_\_\_\_\_ by the citizen resulted in a redistribution of wealth.  
*n.* a large-scale attempt to overthrow the government of a country, often using violence or war;

ANSWERS: 132. tunnel, 133. equivalent, 134. linear, 135. contributor, 136. conversation, 137. dive, 138. state-of-the-art, 139. revolution

140. Mercury is the closest \_\_\_\_\_ to the sun.

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

141. I'll \_\_\_\_\_ the online store to see if I can find that item in a different color.

- v.* to ride on or through waves while standing or lying down on a board or other object; to search or browse the Internet or other computer networks in a casual or aimless manner

142. It is a \_\_\_\_\_ in many families to have a big Thanksgiving dinner with all their relatives.

- n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

143. It was the first time in a long time that I felt truly \_\_\_\_\_ and at peace.

- adj.* not excited, angry, or nervous; free from wind, large waves

ANSWERS: 140. planet, 141. surf, 142. tradition, 143. calm