

# Englist.me



## Vocabulary Builder Reference from...

*Fiorenzo Omenetto: Silk, the ancient material of the future | TED Talk*

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### All Words

#### IMPORTANT

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## Session 1: Word List

### thrill

*n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion

*synonym* : exhilaration, delight, rush

(1) the **thrill** of speed, (2) incredible **thrill**

Skydiving is an overwhelming **thrill** for many people.

### amaze

*v.* to fill with wonder, surprise, or admiration

*synonym* : astound, surprise, stagger

(1) **amaze** and entertain visitors, (2) **amaze** everyone

The magician's tricks **amazed** the audience.

### medicinal

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

*synonym* : curative, therapeutic, healing

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

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

### reforestation

*n.* the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters

*synonym* : afforestation

(1) **reforestation** project, (2) **reforestation** policy

**Reforestation** efforts are necessary to combat deforestation and its negative environmental impact.

## 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.

## trait

*n.* a particular feature of your nature

*synonym* : attribute, feature, quality

(1) chemical **trait**, (2) personality **traits**

Multiple genes may influence behavioral **traits** concurrently.

## 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.

## process

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

*synonym* : procedure, method, system

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

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

## temperature

*n.* the degree of hotness or coldness of a thing or place

*synonym* : climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric **temperature**

Cities around the world set records for highest **temperatures**

this summer.

## biodegrade

*v.* to decay naturally by microorganisms, such as bacteria and fungi

(1) **biodegrade** by the microorganism, (2) bioplastic designed to **biodegrade**

The company's plastic products are easily **biodegraded** thanks to a unique manufacturing process.

## dissolve

*v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

*synonym* : disband, disappear, liquefy

(1) **dissolve** the sugar, (2) officially **dissolved** the marriage

The political party **dissolved** after much internal fighting.

## instantaneous

*adj.* occurring or happening immediately or without delay; taking place in an instant or moment

*synonym* : immediate, prompt, rapid

(1) **instantaneous** reaction, (2) **instantaneous** message

The new software provides **instantaneous** results, making it much more efficient than the previous version.

## stable

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

*synonym* : sturdy, unmoving, durable

(1) in **stable** condition, (2) have a **stable** job

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

## edible

*adj.* fit or safe to be eaten; able to be consumed as food

*synonym* : esculent, comestible, digestible

(1) non- **edible** ingredients, (2) **edible** vegetables

I made sure to pick only **edible** mushrooms for our dinner.

## implant

*v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

*synonym* :

insert, fix, place

(1) **implant** genes in the animals, (2) **implant** into the uterus  
The doctor will **implant** a pacemaker to regulate his heart rate.

## immune

*adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

*synonym*: resistant, unsusceptible, unaffected

(1) **immune** from criminal prosecution, (2) the cell of the **immune** system

The vaccination does not necessarily make you completely **immune**.

## integrate

*v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

*synonym*: mix, merge, combine

(1) **integrate** into the existing system, (2) **integrate** both businesses

He found that it is difficult to **integrate** socially.

## technological

*adj.* based on scientific and industrial progress

*synonym*: specialized, technical

(1) **technological** advancement, (2) **technological** policy  
**Technological** advances have disrupted many industries.

## electronics

*n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems

*synonym*: technology, gadgets, circuitry

(1) **electronics** industry, (2) **electronics** store

The company specializes in manufacturing and selling cutting-edge **electronics**.

## photonics

*n.* the science and technology of generating, controlling, and detecting photons or particles of light, particularly about applications in areas such as telecommunications, information processing, and lighting

*synonym* : optics, photon science, light technology

(1) **photonics** devices, (2) **photonics** research

The advancement of **photonics** technology has revolutionized the field of telecommunications.

## transparent

*adj.* easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely

*synonym* : translucent, evident, diaphanous

(1) a **transparent** lie, (2) **transparent** crystal

The focus of these initiatives is to make the financial system more **transparent**.

## component

*n.* one of several parts that combines with others to form something bigger

*synonym* : element, part, factor

(1) key **component**, (2) spare **components** for cars

The researchers try to discover a common **component** in all types of successful organizations.

## protein

*n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

## silk

*n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric

*synonym* : satin, taffeta, velvet

(1) **silk** road, (2) **silk** fabric

She wore a **silk** dress to the party.

## reinvent

*v.* to change something so drastically that it looks to be completely new

*synonym*: recreate, remake, revive

(1) **reinvent** local dishes, (2) **reinvent** our life

They have tried to **reinvent** their grocery stores.

## millennium

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

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

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

## discovery

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

*synonym*: finding, uncovering, detection

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

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

## inspire

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

*synonym*: boost, encourage, enlighten

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

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

## marvel

*n.* someone something that causes feelings of wonder or surprise

*synonym*: wonder, phenomenon, amazement

(1) a **marvel** of beauty, (2) technical **marvel**

The space shuttle is a modern engineering **marvel**.

## worm

*n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes

(1) wiggly **worms**, (2) can of **worms**

**Worms** help dispose of the food waste produced by humans.

## spinning

*n.* the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn

*synonym* : whirling, rotating, spinning wheel

(1) **spinning** machine, (2) **spinning** wheel

She took a **spinning** class at the gym to improve her cardiovascular fitness.

## fiber

*n.* thread or filament used to make a vegetable tissue, mineral material, or textile

*synonym* : yarn, thread, wool

(1) carbon **fiber**, (2) synthetic **fiber**

We must consume dietary **fiber** to maintain good health.

## remarkable

*adj.* worthy of attention because unusual or special

*synonym* : outstanding, exceptional, extraordinary

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

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

## ingredient

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

*synonym* : element, component

(1) secret **ingredients**, (2) compound the **ingredients**

Greed is the primary **ingredient** in the making of criminals.

## gland

*n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream

*synonym* : secretor

(1) the function of the thyroid **gland**, (2) a mammary **gland**

The adrenal **glands** produce steroids.

## exceptionally

*adv.* in an extraordinary or unusually high degree; to a great extent; unusually well or skillfully

*synonym* : remarkably, extraordinarily

(1) **exceptionally** high-quality, (2) **exceptionally** beautiful

He was **exceptionally** talented in playing the piano.

## comparable

*adj.* able to link the similarities or differences with others; similar or equivalent to someone or something

*synonym*: equal, commensurate, similar

(1) **comparable** sales, (2) a **comparable** amount of energy

Humans and apes have **comparable** anatomical structures.

## reverse

*v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

*synonym*: overturn, shift, switch

(1) **reverse** the trend, (2) **reverse** the order

The restaurant **reversed** a ban on smoking.

## 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.

## textile

*n.* any type of cloth made by weaving or felting or knitting

*synonym*: cloth, material, fabric

(1) **textile** production, (2) tissue **textiles**

China's **textile** industry has developed rapidly with the input of foreign capital.

## 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.

## unwind

*v.* to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something

*synonym*: relax, de-stress, unroll



(1) **unwind** after work, (2) **unwind** on vacation  
I like to **unwind** with a good book after a long day at work.

## cocoon

*n.* a protective covering spun by some insects and other invertebrates

*synonym* : chrysalis, pupa, case

(1) **cocoon** silk, (2) a dried **cocoon**

The caterpillar spins a **cocoon** around itself before turning into a butterfly.

## weave

*v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

*synonym* : braid, unite, contrive

(1) **weave** on a loom, (2) **weave** a story

The girl **weaves** a garland for her friend.

## glamorous

*adj.* highly attractive and exciting, and different from ordinary things or people

*synonym* : alluring, bewitching, enchanting

(1) **glamorous** movie stars, (2) cast **glamorous** eyes

The south coast is less **glamorous** yet has many clean and appealing hotels.

## liquid

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

*synonym* : fluid

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

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

## insight

*n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

*synonym* : wisdom, discernment, understanding

(1) a profound **insight**, (2) share my **insights**

We gained various **insights** by analyzing the vast amount of

data owned by the company.

## fortunate

*adj.* having good luck or lucky

*synonym* : fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person

He was pretty **fortunate** to pass the exam.

## advantage

*n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

*synonym* : benefit, edge, asset

(1) score an **advantage**, (2) take **advantage** of his weak points

One of the main **advantages** of the new product is its increased efficiency.

## recipe

*n.* a set of instructions for preparing a dish, including the ingredients and the method of cooking

*synonym* : instructions, formula, method

(1) **recipe** book, (2) **recipe** collection

The **recipe** for the cake is passed down from generation to generation in her family.

## extreme

*adj.* very great in amount or degree

*synonym* : farthestmost, outermost, fierce

(1) **extreme** sports, (2) **extreme** weather events

Solar gravity creates **extreme** pressures and temperatures.

## 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.

## detach

*v.* to separate or disjoin something from something else; to disengage

*synonym* :

separate, disengage, disconnect

(1) **detach** a ticket from its stub, (2) **detach** you from the matter

She **detached** the trailer from the truck before driving away.

## evaporate

v. to turn a liquid into a gas; to become less intense and disappear gradually

*synonym*: vaporize, disappear, vanish

(1) **evaporate** the water, (2) **evaporate** almost overnight

The sun will **evaporate** the mist.

## mention

v. to speak or write about something or someone briefly

*synonym*: reference, allude, cite

(1) **mention** name, (2) **mention** in a report

I **mentioned** to him that I had seen his sister at the grocery store earlier that day.

## interface

n. (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things

*synonym*: junction, surface, UI

(1) **interface** between gas and liquid, (2) the user **interface**

Detergent weakens the surface tension at the **interface** of two liquids.

## typical

adj. having the usual characteristics or traits of a specific group of things

*synonym*: characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms

This artwork is **typical** of her work.

## nanoscale

adj. on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale

(1) **nanoscale** device, (2) things at the **nanoscale**

This process improves the strength of the metal by controlling

the **nanoscale** lattice structure of the metal.

## illustrate

v. to provide pictures, photographs, diagrams, etc. in a book or something for explanation

*synonym*: demonstrate, explain, exemplify

(1) **illustrate** a key point, (2) **illustrate** a story

The company's financial records **illustrate** how successful it has been.

## subtle

*adj.* not readily apparent or visible

*synonym*: slight, nuanced, exquisite

(1) **subtle** changes, (2) a **subtle** poison

A famous artist painted the room in a **subtle** pink hue.

## topography

*n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features

*synonym*: terrain, landscape, geography

(1) **topography** map, (2) detailed **topography**

The **topography** of the region is rugged, with many hills and valleys.

## replicate

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

*synonym*: duplicate, imitate, reproduce

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

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

## 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.

## optical

*adj.* of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light

*synonym* : visual, ocular

(1) new **optical** glasses, (2) **optical** fiber

The **optical** illusion made it appear like the building was floating in midair.

## 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.

## onstage

*adv.* onto or on a stage in a theater; in front of an audience

(1) appeared **onstage**, (2) walk **onstage**

He performed his magic trick **onstage**, leaving the audience in awe.

## attribute

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

*synonym* : ascribe, blame, (noun) feature

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

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

## assume

*v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

*synonym* : guess, presume, suppose

(1) **assume** a lousy attitude to his boss, (2) **assume** an important role

The following example **assumes** that the capacity of each

battery is the same.

## 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.

## prism

*n.* a three-dimensional object with a triangular base and parallel sides, which refracts (= to bend something) light that passes through it, resulting in the separation and display of the colors of the visible spectrum; a metaphorical term used to describe a situation that reveals or illuminates various aspects or perspectives of a particular phenomenon or topic

*synonym* : crystal, polyhedron

(1) **prism** spectrometer, (2) a **prism** of viewpoints

The scientist used an optical **prism** to analyze the dispersion of light in the laboratory experiment.

## array

*n.* a large group or collection of things or people, especially one that is impressive or attractive

*synonym* : collection, display, batch

(1) a two-dimensional **array**, (2) an **array** of troops

The customer on the Internet has to choose one from a formidable **array** of products.

## reflective

*adj.* showing or characterized by deep thought; capable of physically sending back light or sound

*synonym* : contemplative, introspective, meditative

(1) **reflective** practice, (2) a **reflective** surface

He wrote a **reflective** essay on his experiences during the past year.

## tap

*v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.

*synonym* : knock, exploit, use

(1) **tap** a new market, (2) **tap** keyboard with an index finger  
To expand the company, we must **tap** new human resources.

## capture

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

*synonym* : catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts  
I was able to **capture** the moment on film.

## dimension

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

*synonym* : extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**  
Overall **dimensions** are approximately 400x200mm.

## hologram

*n.* a three-dimensional image produced by the interference of light beams from a laser or other coherent light sources used for artistic, scientific, or commercial applications

*synonym* : 3D image, virtual image, projection

(1) **hologram** projection, (2) **hologram** technology  
The museum had a **hologram** exhibit that was very popular with visitors.

## purity

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

*synonym* : sinlessness, innocence, cleanliness

(1) the degree of **purity**, (2) high **purity**  
Higher **purity** requires additional equipment and energy.

## versatile

*adj.* able to do many things in different fields; having many talents

*synonym* : adaptable, protean, universal

(1) provide a **versatile** solution, (2) a **versatile** writer  
He's a **versatile** actor who has acted in various parts.

## optics

*n.* the academic study of vision and light

(1) **optics** technology, (2) fiber **optics**

Einstein's new **optics** theory transformed traditional scientific notions about light.

## instance

*n.* a particular example or single occurrence of something

*synonym*: example, sample, illustration

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

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

## stick

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

*synonym*: pierce, adhere, stay

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

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

## needle

*n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood

*synonym*: thorn, spike, pin

(1) **needle** prick, (2) sewing **needle**

The acupuncturist inserted **needles** into specific points on my body to alleviate my pain.

## superimpose

*v.* to place, layer, or overlay one thing on top of another, typically in such a way that both are still visible; to add or combine something additional into an existing structure, design, or system

*synonym*: overlay, impose, place over

(1) **superimpose** image, (2) **superimpose** text

The graphic designer will **superimpose** the logo over the image in the brochure.



## gear

*n.* a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose

*synonym*: equipment, tools, apparatus

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

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

## bolt

*n.* a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly

*synonym*: lock, fastener, thunderbolt

(1) **bolt** diameter, (2) **bolt** from my bed

The lightning **bolt** twiggged in several directions.

## alternative

*n.* one of two or more available possibilities or choice

*synonym*: choice, option

(1) an **alternative** plan, (2) there is no other **alternative**

Doctors are gradually coming around to the idea of using **alternative** medicines.

## mechanical

*adj.* operated by a machine, relating to or concerned with machinery or tools

*synonym*: machinelike, automated, automatic

(1) a **mechanical** style of writing, (2) the influence of **mechanical** action

A **mechanical** engineer is still in demand in many companies.

## replace

*v.* to take the place of something

*synonym*: substitute, supersede, displace

(1) **replace** one word with another, (2) **replace** a phone

Eventually, the new design will **replace** all older models.

## peripheral

*adj.* relating to, located on or near, or constituting an outer boundary or edge; not central or essential

*synonym*: outer, minor, secondary

(1) **peripheral** vision, (2) **peripheral** devices

The city's **peripheral** areas should be given more attention regarding infrastructure and resources.

## vein

*n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

*synonym*: artery, blood vessel, capillary

(1) spider **vein**, (2) collapsed **vein**

The nurse inserted the needle into the **vein** in his arm to draw blood.

## skull

*n.* a bone framework that surrounds the brain and gives the head its shape

*synonym*: cranium, scalp, brain

(1) **skull** fracture, (2) have a thick **skull**

Archaeologists found a Neanderthal **skull** at that historic site.

## semiconductor

*n.* a material or substance that can conduct electricity under certain conditions but not others, often used in electronic devices

*synonym*: chip, wafer

(1) **semiconductor** industry, (2) **semiconductor** device

The company develops and sells **semiconductor** memory for use in computers and servers.

## sensor

*n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

*synonym*: detector

(1) motion **sensor** lighting, (2) an image **sensor**

This automatic door could no longer be opened due to a **sensor** failure.

## wrap

*v.* to cover or enclose something entirely with paper, cloth, or other material

*synonym*: surround, cover, bandage

(1) **wrap** a fish in foil, (2) **wrap** up a meeting  
**Wrap** the bandage tightly around the injured arm.

## **fashion**

*n.* a style that is popular at a particular time or place; the state of being popular

*synonym*: style, manner, fad

(1) go out of **fashion**, (2) new **fashion** trends

That style is no longer in **fashion**.

## **tattoo**

*n.* a form of body modification made by inserting ink, dyes, or pigments, either permanent or temporary, into the skin to form a design

*synonym*: emblem, symbol

(1) a **tattoo** artist, (2) a person who has a **tattoo**

Any activity on the Internet will be stored as a digital **tattoo** for life.

## **unique**

*adj.* being the only one of its kind; unlike anything else

*synonym*: one-of-a-kind, unparalleled, incomparable

(1) a **unique** teacher, (2) **unique** design

The painting is **unique**, and there is no other like it.

## **compatible**

*adj.* capable of coexisting or working together without conflict or inconsistency; harmonious or well-matched

*synonym*: harmonious, congruent, consistent

(1) fully **compatible**, (2) **compatible** with HTML5

The new software is not **compatible** with the old operating system, causing compatibility issues and errors.

## **tissue**

*n.* an ensemble of similar cells of the animal or plant that together carry out a specific function

*synonym*: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

## sect

*n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

*synonym* : group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

## retrieve

*v.* to find or get something back

*synonym* : recover, fetch, regain

(1) **retrieve** the lost wallet, (2) send and **retrieve** e-mail

She **retrieved** the book from the shelf.

## device

*n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

*synonym* : gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

## principle

*n.* a fundamental law or truth that explains or controls how something happens or works

*synonym* : rule, creed, code

(1) **principle** of treatment, (2) **principle** in business

Efficiency isn't an essential **principle** here; fairness is.

## disappear

*v.* to cease to exist or be visible

*synonym* : fade, evaporate, vanish

(1) **disappear** without a trace, (2) **disappear** after a week

They watched the train **disappear** into the distance.

## reflector

*n.* a surface or object that reflects light, sound, or heat in a specific direction, often used to redirect or focus these elements toward a desired target or area

*synonym* : mirror

(1) **reflector** coating, (2) vehicle **reflector**

The cyclist wore a **reflector** vest to increase visibility on the road at night.

## illuminate

*v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity

*synonym*: brighten, light, adorn

(1) **illuminate** a dark hall, (2) **illuminate** my understanding  
That biologist **illuminated** the mechanism of heredity.

## 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**.

## guilt

*n.* the fact of having committed something illegal; the negative feelings caused by believing or knowing that you have done something wrong

*synonym*: regret, remorse, blame

(1) criminal **guilt**, (2) feeling of **guilt**

Shame and **guilt** have significant social influences.

## polystyrene

*n.* a lightweight, thermoplastic polymer material used in the manufacture of a wide range of products, including packaging, insulation, and consumer goods

(1) **polystyrene** foam, (2) **polystyrene** packaging

The construction industry often utilizes **polystyrene** insulation panels to improve building energy efficiency.

## unfortunately

*adv.* by bad luck; unluckily

*synonym*: regrettably, unluckily, alas

(1) **unfortunately** caught in a shower, (2) even more **unfortunately**

The treatments were done but, **unfortunately**, were

unsuccessful.

## landfill

*n.* a site for the disposal of waste materials

*synonym*: dump, trash-yard, waste-yard

(1) disposal in a **landfill**, (2) **landfill** sites

This country faces problems in finding enough suitable **landfill** sites.

## packaging

*n.* the process, materials, or container used to wrap or contain a product for distribution, storage, or sale; the design or appearance of a product's packaging

*synonym*: wrapping, packing, boxing

(1) **packaging** materials, (2) biodegradable **packaging**

The **packaging** for the fragile items was made of sturdy materials and could withstand rough handling during shipping.

## probable

*adj.* likely to happen or likely to be true

*synonym*: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

## assembly

*n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country

*synonym*: crowd, gathering, mass

(1) **assembly** line, (2) **assembly** hall

This company's **assembly** plant is an enormous facility.

## biology

*n.* the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

## enzyme

*n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction

*synonym*: catalyst, activator, accelerator

(1) **enzyme** reaction, (2) lack of digestive **enzymes**

A deficiency in the **enzyme** can lead to a medical condition.

## antibody

*n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease

(1) produce **antibody**, (2) **antibody** against bacteria

This pharmaceutical company is developing **antibody** drugs with fewer side effects.

## vaccine

*n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)

*synonym*: vaccinum

(1) development of **vaccines**, (2) an oral **vaccine**

The mRNA **vaccine** was approved in less than a year because it did not contain the fragments of the target virus.

## preserve

*v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

*synonym*: conserve, care for, maintain

(1) **preserve** my strength, (2) **preserve** a country's heritage

They worked hard to **preserve** the nature of their native lands.

## function

*n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

*synonym*: purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the

body's **function**.

## dopant

*n.* a substance or element added in small amounts to a semiconductor material during its manufacturing process to alter its electrical or optical properties; a type of impurity introduced intentionally to modify the performance or characteristics of the material

*synonym*: additive, impurity, adulterant

(1) **dopant** atom, (2) silicon **dopant**

The **dopant** concentration in the semiconductor determines its electrical conductivity.

## interactive

*adj.* acting reciprocally; mutually responsive

*synonym*: reciprocal, responsive, mutual

(1) **interactive** experience, (2) an **interactive** device

The new video game has an **interactive** storyline that allows players to make choices that affect the game's outcome.

## screw

*v.* to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together

*synonym*: tighten, fix, secure

(1) **screw** the cap, (2) a female **screw**

He had to **screw** the loose knob back onto the cabinet door.

## beforehand

*adv.* ahead of time; in advance

*synonym*: in advance, preceding, earlier

(1) take a seat **beforehand**, (2) three months **beforehand**

She packed her sunscreen **beforehand** to remember it on the beach trip.

## fracture

*n.* the breaking or cracking of a rigid material or object such as bone

*synonym*: break, crack, rupture

(1) **fracture** test, (2) risk of bone **fractures**

X-ray inspection revealed many **fractures**.



## healing

*n.* the process of becoming or making somebody or something well again

*synonym*: recovery, recuperation, convalescence

(1) natural **healing** ability, (2) part of the **healing** process

Each ancient tribe has its **healing** traditions.

## fridge

*n.* a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh

*synonym*: refrigerator

(1) **fridge** magnet, (2) fill the **fridge**

She left the **fridge** door open inadvertently.

## penicillin

*n.* an antibiotic drug derived from mold and used to treat bacterial infections

*synonym*: antibiotic, bacitracin

(1) **penicillin** allergy, (2) **penicillin** sensitivity testing

The doctor prescribed **penicillin** to treat the bacterial infection.

## degree

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

*synonym*: level, qualification, diploma

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

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

## efficacy

*n.* the ability or power to produce a desired effect or result; effectiveness

*synonym*: potency, effectiveness, efficiency

(1) **efficacy** rate, (2) vaccine **efficacy**

The **efficacy** of this medication is still being tested in clinical trials.

## potentially

*adv.* in a possible state or condition; possibly

*synonym*: likely, possibly, probably

(1) **potentially** affected, (2) **potentially** lucrative

The organization assisted in the de-escalation of **potentially** violent situations.

## solar

*adj.* of, from, or relating to the sun

(1) the **solar** system, (2) a **solar** eclipse

**Solar** panels have greatly improved not only in performance but also in durability.

## refrigerate

*v.* to cool or preserve food or other items by using a refrigerator or other cold storage device; to keep something at a low temperature to prevent spoilage or degradation

*synonym*: chill, cool, freeze

(1) **refrigerate** perishable, (2) **refrigerate** medicine

We need to **refrigerate** the leftovers to keep them from spoiling.

## camel

*n.* a cud-chewing mammal used as a draft or saddle animal in desert regions

(1) **camel** hair, (2) ride a **camel**

A **camel** has a hump on its back.

## storage

*n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

*synonym*: storehouse, depository, warehousing

(1) a **storage** battery, (2) **storage** at low temperature

We store customer data in cloud **storage**.

## degrade

*v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

*synonym*: demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use

you.

## 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.

## recover

*v.* to return to a former condition, health, mind, or strength  
*synonym* : come back, convalesce, heal

(1) **recover** a loss, (2) **recover** approval ratings

She is still **recovering** from a shot to her shoulder.

## delivery

*n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth

*synonym* : sending, transporting, bringing

(1) an easy **delivery**, (2) special **delivery**

The **delivery** truck arrived with the packages.

## thread

*n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching

*synonym* : filament, string, yarn

(1) **thread** a catheter, (2) start a new **thread**

The detective followed a **thread** of clues which ultimately led to the suspect's arrest.

## impassioned

*adj.* having or showing strong feelings, enthusiasm, or dedication or making a strong emotional appeal

*synonym* : enthusiastic, fervent, ardent

(1) give an **impassioned** defense, (2) **impassioned** plea

He spoke with **impassioned** conviction about the need for

change.

**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**.

## Session 2: Spelling

- |                            |  |
|----------------------------|--|
| 1. three months bef_____nd | <i>adv.</i> ahead of time; in advance  |
| 2. a st_____e battery      | <i>n.</i> the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information |
| 3. can of w___ms           | <i>n.</i> a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes  |
| 4. an ar___y of troops     | <i>n.</i> a large group or collection of things or people, especially one that is impressive or attractive   |
| 5. a facial ti___e         | <i>n.</i> an ensemble of similar cells of the animal or plant that together carry out a specific function  |
| 6. me_____n name           | <i>v.</i> to speak or write about something or someone briefly   |
| 7. for in_____ce           | <i>n.</i> a particular example or single occurrence of something   |
| 8. evolutionary bi_____y   | <i>n.</i> the scientific study of life and the natural processes of living things  |
| 9. intellectual f__t       | <i>n.</i> a notable or impressive achievement, especially one that requires great skill or bravery   |
| 10. sk__l fracture         | <i>n.</i> a bone framework that surrounds the brain and gives the head its shape   |

ANSWERS: 1. beforehand, 2. storage, 3. worm, 4. array, 5. tissue, 6. mention, 7. instance, 8. biology, 9. feat, 10. skull

11. per\_\_\_\_\_al devices *adj.* relating to, located on or near, or constituting an outer boundary or edge; not central or essential
12. fr\_\_\_\_\_re test *n.* the breaking or cracking of a rigid material or object such as bone
13. pr\_\_\_\_\_ve a country's heritage *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
14. ill\_\_\_\_\_te a story *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
15. a so\_\_r eclipse *adj.* of, from, or relating to the sun
16. ins\_\_\_\_\_ous reaction *adj.* occurring or happening immediately or without delay; taking place in an instant or moment
17. an\_\_\_\_\_dy against bacteria *n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
18. ind\_\_\_\_\_us worker *adj.* hardworking, diligent, and persistent in effort
19. re\_\_\_\_\_e a prisoner *v.* to set free or allow to escape from confinement
20. w\_\_p up a meeting *v.* to cover or enclose something entirely with paper, cloth, or other material
21. give an imp\_\_\_\_\_ed defense *adj.* having or showing strong feelings, enthusiasm, or dedication or making a strong emotional appeal

ANSWERS: 11. peripheral, 12. fracture, 13. preserve, 14. illustrate, 15. solar, 16. instantaneous, 17. antibody, 18. industrious, 19. release, 20. wrap, 21. impassioned



32. electronic de\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
33. do\_\_\_t atom *n.* a substance or element added in small amounts to a semiconductor material during its manufacturing process to alter its electrical or optical properties; a type of impurity introduced intentionally to modify the performance or characteristics of the material
34. re\_\_\_\_\_te the cell *v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
35. t\_p a new market *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
36. fully com\_\_\_\_\_le *adj.* capable of coexisting or working together without conflict or inconsistency; harmonious or well-matched
37. new di\_\_\_\_\_on *n.* a measurable extent of a particular kind, such as width, height, or length
38. the function of the thyroid gl\_\_d *n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream
39. technical ma\_\_\_l *n.* someone something that causes feelings of wonder or surprise

ANSWERS: 32. device, 33. dopant, 34. replicate, 35. tap, 36. compatible, 37. dimension, 38. gland, 39. marvel



40. a ta\_\_\_o artist *n.* a form of body modification made by inserting ink, dyes, or pigments, either permanent or temporary, into the skin to form a design
41. a mec\_\_\_\_\_al style of writing *adj.* operated by a machine, relating to or concerned with machinery or tools
42. im\_\_\_e from criminal prosecution *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
43. oasis in the de\_\_\_t *n.* arid land with little or no vegetation often covered with sand or rocks
44. ev\_\_\_\_\_te almost overnight *v.* to turn a liquid into a gas; to become less intense and disappear gradually
45. pr\_\_\_\_\_n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
46. tracking de\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
47. cell and molecular bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
48. a cr\_\_y scheme *adj.* stupid or not sensible; very angry
49. de\_\_\_t basin *n.* arid land with little or no vegetation often covered with sand or rocks
50. in\_\_\_\_\_e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

ANSWERS: 40. tattoo, 41. mechanical, 42. immune, 43. desert, 44. evaporate, 45. protein, 46. device, 47. biology, 48. crazy, 49. desert, 50. inspire

51. re\_\_\_\_e the order      *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
52. s\_\_k fabric      *n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric
53. env\_\_\_\_\_nt affairs      *n.* the natural world such as air, water, and land in which humans, animals, and plants live
54. re\_\_\_\_e CO2 into the air      *v.* to set free or allow to escape from confinement
55. disposal in a la\_\_\_\_ll      *n.* a site for the disposal of waste materials
56. ca\_\_l hair      *n.* a cud-chewing mammal used as a draft or saddle animal in desert regions
57. a dried co\_\_\_\_n      *n.* a protective covering spun by some insects and other invertebrates
58. cast gl\_\_\_\_\_us eyes      *adj.* highly attractive and exciting, and different from ordinary things or people
59. decision-making pr\_\_\_\_s      *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
60. de\_\_\_e centigrade      *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

ANSWERS: 51. reverse, 52. silk, 53. environment, 54. release, 55. landfill, 56. camel, 57. cocoon, 58. glamorous, 59. process, 60. degree

61. less fo\_\_\_\_\_te person *adj.* having good luck or lucky
62. take ad\_\_\_\_\_ge of his weak points *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
63. the atmospheric tem\_\_\_\_\_re *n.* the degree of hotness or coldness of a thing or place
64. as\_\_\_\_\_le a jigsaw puzzle *v.* to collect in one place as a single group
65. the so\_\_r system *adj.* of, from, or relating to the sun
66. produce an\_\_\_\_\_dy *n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
67. the rem\_\_\_\_\_le breadth of knowledge *adj.* worthy of attention because unusual or special
68. ill\_\_\_\_\_te my understanding *v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
69. ne\_\_\_\_e prick *n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood
70. pol\_\_\_\_\_ne foam *n.* a lightweight, thermoplastic polymer material used in the manufacture of a wide range of products, including packaging, insulation, and consumer goods
71. at\_\_\_\_\_te directly to sales *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

ANSWERS: 61. fortunate, 62. advantage, 63. temperature, 64. assemble, 65. solar, 66. antibody, 67. remarkable, 68. illuminate, 69. needle, 70. polystyrene, 71. attribute

72. fu\_\_\_\_\_on properly
- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
73. t\_p keyboard with an index finger
- v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
74. a pr\_\_m of viewpoints
- n.* a three-dimensional object with a triangular base and parallel sides, which refracts (= to bend something) light that passes through it, resulting in the separation and display of the colors of the visible spectrum; a metaphorical term used to describe a situation that reveals or illuminates various aspects or perspectives of a particular phenomenon or topic
75. top\_\_\_\_\_hy map
- n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features
76. re\_\_\_\_\_or coating
- n.* a surface or object that reflects light, sound, or heat in a specific direction, often used to redirect or focus these elements toward a desired target or area

ANSWERS: 72. function, 73. tap, 74. prism, 75. topography, 76. reflector

77. ref\_\_\_\_\_ion project *n.* the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters
78. ph\_\_\_\_\_cs devices *n.* the science and technology of generating, controlling, and detecting photons or particles of light, particularly about applications in areas such as telecommunications, information processing, and lighting
79. as\_\_\_\_\_le your colleagues *v.* to collect in one place as a single group
80. re\_\_\_\_\_e one word with another *v.* to take the place of something
81. the influence of mec\_\_\_\_\_al action *adj.* operated by a machine, relating to or concerned with machinery or tools
82. re\_\_\_\_\_ve the lost wallet *v.* to find or get something back
83. tec\_\_\_\_\_cal policy *adj.* based on scientific and industrial progress
84. biodegradable pa\_\_\_\_\_ng *n.* the process, materials, or container used to wrap or contain a product for distribution, storage, or sale; the design or appearance of a product's packaging
85. w\_\_p a fish in foil *v.* to cover or enclose something entirely with paper, cloth, or other material
86. re\_\_\_\_\_te data *v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
87. rem\_\_\_\_\_le achievement *adj.* worthy of attention because unusual or special

ANSWERS: 77. reforestation, 78. photonics, 79. assemble, 80. replace, 81. mechanical, 82. retrieve, 83. technological, 84. packaging, 85. wrap, 86. replicate, 87. remarkable

88. provide a ve\_\_\_\_\_le solution      *adj.* able to do many things in different fields; having many talents
89. com\_\_\_\_\_le with HTML5      *adj.* capable of coexisting or working together without conflict or inconsistency; harmonious or well-matched
90. cr\_\_y about cars and racing      *adj.* stupid or not sensible; very angry
91. go out of fa\_\_\_\_\_n      *n.* a style that is popular at a particular time or place; the state of being popular
92. ho\_\_\_\_\_am projection      *n.* a three-dimensional image produced by the interference of light beams from a laser or other coherent light sources used for artistic, scientific, or commercial applications
93. a tra\_\_\_\_\_nt lie      *adj.* easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely
94. ho\_\_\_\_\_am technology      *n.* a three-dimensional image produced by the interference of light beams from a laser or other coherent light sources used for artistic, scientific, or commercial applications
95. pen\_\_\_\_\_in allergy      *n.* an antibiotic drug derived from mold and used to treat bacterial infections
96. mil\_\_\_\_\_um bottle of wine      *n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)
97. in\_\_\_\_\_e him to write a novel      *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

ANSWERS: 88. versatile, 89. compatible, 90. crazy, 91. fashion, 92. hologram, 93. transparent, 94. hologram, 95. penicillin, 96. millennium, 97. inspire

98. key co\_\_\_\_\_nt *n.* one of several parts that combines with others to form something bigger
99. non-ed\_\_\_e ingredients *adj.* fit or safe to be eaten; able to be consumed as food
100. a female sc\_\_w *v.* to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together
101. a scientific di\_\_\_\_\_ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
102. sewing ne\_\_\_e *n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood
103. ev\_\_\_\_\_te the water *v.* to turn a liquid into a gas; to become less intense and disappear gradually
104. there is no other alt\_\_\_\_\_ve *n.* one of two or more available possibilities or choice
105. feeling of gu\_\_t *n.* the fact of having committed something illegal; the negative feelings caused by believing or knowing that you have done something wrong
106. an image se\_\_\_r *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

ANSWERS: 98. component, 99. edible, 100. screw, 101. discovery, 102. needle, 103. evaporate, 104. alternative, 105. guilt, 106. sensor

107. re\_\_\_\_\_r approval ratings *v.* to return to a former condition, health, mind, or strength
108. pot\_\_\_\_\_ly lucrative *adv.* in a possible state or condition; possibly
109. int\_\_\_\_\_ve experience *adj.* acting reciprocally; mutually responsive
110. pr\_\_\_\_\_s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
111. ill\_\_\_\_\_te a dark hall *v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
112. a b\_\_d design *adj.* brave, daring, and confident; not frightened of danger or afraid to say what you feel or to take risks
113. lack of digestive en\_\_\_es *n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
114. bio\_\_\_\_\_de by the microorganism *v.* to decay naturally by microorganisms, such as bacteria and fungi
115. ex\_\_\_\_\_e sports *adj.* very great in amount or degree
116. fairly ty\_\_\_\_\_l symptoms *adj.* having the usual characteristics or traits of a specific group of things
117. colorless li\_\_\_d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas

ANSWERS: 107. recover, 108. potentially, 109. interactive, 110. process, 111. illuminate, 112. bold, 113. enzyme, 114. biodegrade, 115. extreme, 116. typical, 117. liquid



118. de\_\_\_\_e his public image      *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
119. incredible th\_\_\_\_l      *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
120. criminal gu\_\_t      *n.* the fact of having committed something illegal; the negative feelings caused by believing or knowing that you have done something wrong
121. ref\_\_\_\_ve practice      *adj.* showing or characterized by deep thought; capable of physically sending back light or sound
122. silicon do\_\_\_\_t      *n.* a substance or element added in small amounts to a semiconductor material during its manufacturing process to alter its electrical or optical properties; a type of impurity introduced intentionally to modify the performance or characteristics of the material
123. a g\_\_r change lever      *n.* a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose
124. new op\_\_\_\_l glasses      *adj.* of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light

ANSWERS: 118. degrade, 119. thrill, 120. guilt, 121. reflective, 122. dopant, 123. gear, 124. optical

125. a person who has a ta\_\_\_o      *n.* a form of body modification made by inserting ink, dyes, or pigments, either permanent or temporary, into the skin to form a design
126. compound the ing\_\_\_\_\_nts      *n.* one of the things used to make something, especially one of the foods used to make a particular dish
127. bachelor's de\_\_\_e      *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
128. st\_\_k a key in a lock      *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
129. op\_\_\_s technology      *n.* the academic study of vision and light
130. vaccine ef\_\_\_\_\_cy      *n.* the ability or power to produce a desired effect or result; effectiveness
131. personality tr\_\_ts      *n.* a particular feature of your nature
132. spare co\_\_\_\_\_nts for cars      *n.* one of several parts that combines with others to form something bigger
133. in\_\_\_\_\_ce between gas and liquid      *n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
134. loss of muscle ti\_\_\_e      *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function

ANSWERS: 125. tattoo, 126. ingredient, 127. degree, 128. stick, 129. optics, 130. efficacy, 131. trait, 132. component, 133. interface, 134. tissue

135. fiber op\_\_\_s *n.* the academic study of vision and light
136. high pu\_\_\_y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
137. officially di\_\_\_\_ved the marriage *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
138. st\_\_\_\_e at low temperature *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
139. te\_\_\_\_e production *n.* any type of cloth made by weaving or felting or knitting
140. ele\_\_\_\_cs industry *n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
141. the cell of the im\_\_\_e system *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
142. the degree of pu\_\_\_y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
143. a mammary gl\_\_d *n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream

ANSWERS: 135. optics, 136. purity, 137. dissolve, 138. storage, 139. textile, 140. electronics, 141. immune, 142. purity, 143. gland

144. en\_\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
145. secret s\_\_t *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
146. a ma\_\_\_l of beauty *n.* someone something that causes feelings of wonder or surprise
147. sem\_\_\_\_\_tor device *n.* a material or substance that can conduct electricity under certain conditions but not others, often used in electronic devices
148. detailed top\_\_\_\_\_hy *n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features
149. re\_\_\_e collection *n.* a set of instructions for preparing a dish, including the ingredients and the method of cooking
150. fo\_\_\_\_\_te situation *adj.* having good luck or lucky
151. tra\_\_\_\_\_nt crystal *adj.* easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely
152. pr\_\_\_\_\_le outcome *adj.* likely to happen or likely to be true
153. have a thick sk\_\_l *n.* a bone framework that surrounds the brain and gives the head its shape

ANSWERS: 144. engineer, 145. sect, 146. marvel, 147. semiconductor, 148. topography, 149. recipe, 150. fortunate, 151. transparent, 152. probable, 153. skull

154. de\_\_\_h you from the matter      *v.* to separate or disjoin something from something else; to disengage
155. pen\_\_\_\_\_in sensitivity testing      *n.* an antibiotic drug derived from mold and used to treat bacterial infections
156. co\_\_\_n silk      *n.* a protective covering spun by some insects and other invertebrates
157. sp\_\_\_\_\_ng machine      *n.* the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn
158. ride a ca\_\_\_l      *n.* a cud-chewing mammal used as a draft or saddle animal in desert regions
159. im\_\_\_\_\_t genes in the animals      *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
160. di\_\_\_\_\_ar without a trace      *v.* to cease to exist or be visible
161. at\_\_\_\_\_te the change to their marriage      *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;
162. a un\_\_\_e teacher      *adj.* being the only one of its kind; unlike anything else
163. sem\_\_\_\_\_tor industry      *n.* a material or substance that can conduct electricity under certain conditions but not others, often used in electronic devices
164. de\_\_\_\_\_e environmental quality      *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

ANSWERS: 154. detach, 155. penicillin, 156. cocoon, 157. spinning, 158. camel, 159. implant, 160. disappear, 161. attribute, 162. unique, 163. semiconductor, 164. degrade

165. in\_\_\_\_\_te both businesses *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
166. a two-dimensional ar\_\_y *n.* a large group or collection of things or people, especially one that is impressive or attractive
167. a profound in\_\_\_\_\_t *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
168. 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
169. ph\_\_\_\_\_cs research *n.* the science and technology of generating, controlling, and detecting photons or particles of light, particularly about applications in areas such as telecommunications, information processing, and lighting
170. me\_\_\_\_\_n in a report *v.* to speak or write about something or someone briefly
171. development of va\_\_\_\_\_es *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
172. re\_\_\_\_\_nt our life *v.* to change something so drastically that it looks to be completely new
173. am\_\_e and entertain visitors *v.* to fill with wonder, surprise, or admiration

ANSWERS: 165. integrate, 166. array, 167. insight, 168. decide, 169. photonics, 170. mention, 171. vaccine, 172. reinvent, 173. amaze

174. com\_\_\_\_\_le sales *adj.* able to link the similarities or differences with others; similar or equivalent to someone or something
175. carbon fi\_\_r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
176. appeared on\_\_\_\_\_e *adv.* onto or on a stage in a theater; in front of an audience
177. pr\_\_\_\_\_le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
178. sus\_\_\_\_\_le alternative fuel *adj.* able to continue or be continued for a long time
179. secret ing\_\_\_\_\_nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
180. an int\_\_\_\_\_ve device *adj.* acting reciprocally; mutually responsive
181. ind\_\_\_\_\_us student *adj.* hardworking, diligent, and persistent in effort
182. re\_\_\_\_\_e the trend *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
183. tissue te\_\_\_\_\_es *n.* any type of cloth made by weaving or felting or knitting
184. ca\_\_\_\_\_e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape

ANSWERS: 174. comparable, 175. fiber, 176. onstage, 177. principle, 178. sustainable, 179. ingredient, 180. interactive, 181. industrious, 182. reverse, 183. textile, 184. capture

185. a com\_\_\_\_\_le amount of energy      *adj.* able to link the similarities or differences with others; similar or equivalent to someone or something
186. stress pr\_\_\_\_\_n      *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
187. ele\_\_\_\_\_cs store      *n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
188. walk on\_\_\_\_\_e      *adv.* onto or on a stage in a theater; in front of an audience
189. take a seat bef\_\_\_\_\_nd      *adv.* ahead of time; in advance
190. notable in\_\_\_\_\_ce      *n.* a particular example or single occurrence of something
191. tec\_\_\_\_\_cal advancement      *adj.* based on scientific and industrial progress
192. exc\_\_\_\_\_lly beautiful      *adv.* in an extraordinary or unusually high degree; to a great extent; unusually well or skillfully
193. im\_\_\_\_\_t into the uterus      *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
194. th\_\_\_\_d a catheter      *n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching

ANSWERS: 185. comparable, 186. protein, 187. electronics, 188. onstage, 189.



beforehand, 190. instance, 191. technological, 192. exceptionally, 193. implant, 194.  
thread

195. the great di\_\_\_\_\_ry of the century     *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
196. a ve\_\_\_\_\_le writer     *adj.* able to do many things in different fields; having many talents
197. extreme tem\_\_\_\_\_res     *n.* the degree of hotness or coldness of a thing or place
198. pr\_\_\_\_\_le cause of a fire     *adj.* likely to happen or likely to be true
199. an easy de\_\_\_\_\_ry     *n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth
200. re\_\_\_\_\_nt local dishes     *v.* to change something so drastically that it looks to be completely new
201. things at the na\_\_\_\_\_le     *adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
202. un\_\_\_\_\_d on vacation     *v.* to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something
203. b\_\_t from my bed     *n.* a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly
204. ef\_\_\_\_\_cy rate     *n.* the ability or power to produce a desired effect or result; effectiveness
205. ref\_\_\_\_\_te perishable     *v.* to cool or preserve food or other items by using a refrigerator or other cold storage device; to keep something at a low temperature to prevent spoilage or degradation

ANSWERS: 195. discovery, 196. versatile, 197. temperature, 198. probable, 199. delivery, 200. reinvent, 201. nanoscale, 202. unwind, 203. bolt, 204. efficacy, 205. refrigerate



214. pol\_\_\_\_\_ne packaging      *n.* a lightweight, thermoplastic polymer material used in the manufacture of a wide range of products, including packaging, insulation, and consumer goods
215. s\_\_k road      *n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric
216. special de\_\_\_\_\_ry      *n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth
217. have a st\_\_\_e job      *adj.* firm and steady; not easily moved, disturbed, or changed
218. as\_\_\_e a lousy attitude to his boss      *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
219. s\_\_t beliefs      *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
220. synthetic fi\_\_r      *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
221. op\_\_\_\_\_l fiber      *adj.* of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light

ANSWERS: 214. polystyrene, 215. silk, 216. delivery, 217. stable, 218. assume, 219. sect, 220. fiber, 221. optical

222. the crosswise di\_\_\_\_\_on      *n.* a measurable extent of a particular kind, such as width, height, or length
223. sup\_\_\_\_\_se text      *v.* to place, layer, or overlay one thing on top of another, typically in such a way that both are still visible; to add or combine something additional into an existing structure, design, or system
224. un\_\_\_\_d after work      *v.* to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something
225. ref\_\_\_\_\_ion policy      *n.* the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters
226. an alt\_\_\_\_\_ve plan      *n.* one of two or more available possibilities or choice
227. de\_\_\_\_h a ticket from its stub      *v.* to separate or disjoin something from something else; to disengage
228. ex\_\_\_\_\_e weather events      *adj.* very great in amount or degree
229. risk of bone fr\_\_\_\_\_res      *n.* the breaking or cracking of a rigid material or object such as bone
230. in\_\_\_\_\_te into the existing system      *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
231. a civil en\_\_\_\_\_er      *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 222. dimension, 223. superimpose, 224. unwind, 225. reforestation, 226. alternative, 227. detach, 228. extreme, 229. fracture, 230. integrate, 231. engineer

232. me\_\_\_\_\_al chemistry *adj.* of or relating to the treatment or cure of disease
233. re\_\_\_e book *n.* a set of instructions for preparing a dish, including the ingredients and the method of cooking
234. ins\_\_\_\_\_ous message *adj.* occurring or happening immediately or without delay; taking place in an instant or moment
235. ca\_\_\_\_\_e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
236. hazardous li\_\_\_d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
237. di\_\_\_\_\_ve the sugar *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
238. natural he\_\_\_\_\_g ability *n.* the process of becoming or making somebody or something well again
239. start a new th\_\_\_d *n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching

ANSWERS: 232. medicinal, 233. recipe, 234. instantaneous, 235. capture, 236. liquid, 237. dissolve, 238. healing, 239. thread

240. 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
241. pot\_\_\_\_\_ly affected *adv.* in a possible state or condition; possibly
242. di\_\_\_\_\_ar after a week *v.* to cease to exist or be visible
243. we\_\_e a story *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
244. motion se\_\_\_r lighting *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
245. sp\_\_\_\_\_ng wheel *n.* the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn
246. re\_\_\_\_\_r a loss *v.* to return to a former condition, health, mind, or strength
247. share my in\_\_\_\_\_ts *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
248. am\_\_e everyone *v.* to fill with wonder, surprise, or admiration
249. collapsed v\_\_n *n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

ANSWERS: 240. bold, 241. potentially, 242. disappear, 243. weave, 244. sensor, 245. spinning, 246. recover, 247. insight, 248. amaze, 249. vein

250. as\_\_\_\_ly hall *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
251. wiggly w\_\_ms *n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes
252. b\_\_t diameter *n.* a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly
253. chemical tr\_\_t *n.* a particular feature of your nature
254. pr\_\_m spectrometer *n.* a three-dimensional object with a triangular base and parallel sides, which refracts (= to bend something) light that passes through it, resulting in the separation and display of the colors of the visible spectrum; a metaphorical term used to describe a situation that reveals or illuminates various aspects or perspectives of a particular phenomenon or topic
255. pr\_\_\_\_ve my strength *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
256. principles of sus\_\_\_\_\_le development *adj.* able to continue or be continued for a long time
257. ref\_\_\_\_\_te medicine *v.* to cool or preserve food or other items by using a refrigerator or other cold storage device; to keep something at a low temperature to prevent spoilage or degradation

ANSWERS: 250. assembly, 251. worm, 252. bolt, 253. trait, 254. prism, 255. preserve, 256. sustainable, 257. refrigerate



258. sc\_\_w the cap *v.* to turn something, such as a bolt, with a driver or wrench to tighten or loosen it; (noun) a cylindrical rod with a helical ridge used to fasten things together
259. an oral va\_\_\_\_\_e *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
260. part of the he\_\_\_\_\_g process *n.* the process of becoming or making somebody or something well again
261. ill\_\_\_\_\_te a key point *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
262. per\_\_\_\_\_al vision *adj.* relating to, located on or near, or constituting an outer boundary or edge; not central or essential
263. ed\_\_\_e vegetables *adj.* fit or safe to be eaten; able to be consumed as food
264. en\_\_\_e reaction *n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
265. su\_\_\_e changes *adj.* not readily apparent or visible
266. we\_\_\_e on a loom *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
267. even more unf\_\_\_\_\_ely *adv.* by bad luck; unluckily

ANSWERS: 258. screw, 259. vaccine, 260. healing, 261. illustrate, 262. peripheral, 263. edible, 264. enzyme, 265. subtle, 266. weave, 267. unfortunately

268. ty\_\_\_\_l leader *adj.* having the usual characteristics or traits of a specific group of things
269. send and re\_\_\_\_ve e-mail *v.* to find or get something back
270. sup\_\_\_\_se image *v.* to place, layer, or overlay one thing on top of another, typically in such a way that both are still visible; to add or combine something additional into an existing structure, design, or system
271. pr\_\_\_\_le in business *n.* a fundamental law or truth that explains or controls how something happens or works
272. in st\_\_\_\_e condition *adj.* firm and steady; not easily moved, disturbed, or changed
273. fr\_\_\_\_e magnet *n.* a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh
274. chaotic env\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
275. f\_\_t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
276. unf\_\_\_\_ely caught in a shower *adv.* by bad luck; unluckily
277. as\_\_\_\_ly line *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
278. bioplastic designed to bio\_\_\_\_de *v.* to decay naturally by microorganisms, such as bacteria and fungi

ANSWERS: 268. typical, 269. retrieve, 270. superimpose, 271. principle, 272. stable, 273. fridge, 274. environment, 275. feat, 276. unfortunately, 277. assembly, 278. biodegrade

279. the th\_\_\_l of speed *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
280. imp\_\_\_\_\_ed plea *adj.* having or showing strong feelings, enthusiasm, or dedication or making a strong emotional appeal
281. fill the fr\_\_\_e *n.* a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh
282. un\_\_\_e design *adj.* being the only one of its kind; unlike anything else
283. immune fu\_\_\_\_\_on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
284. gl\_\_\_\_\_us movie stars *adj.* highly attractive and exciting, and different from ordinary things or people

ANSWERS: 279. thrill, 280. impassioned, 281. fridge, 282. unique, 283. function, 284. glamorous

## Session 3: Fill in the Blanks

1. The magician's tricks \_\_\_\_\_ the audience.  
*v.* to fill with wonder, surprise, or admiration
2. She \_\_\_\_\_ the trailer from the truck before driving away.  
*v.* to separate or disjoin something from something else; to disengage
3. One of the main \_\_\_\_\_ of the new product is its increased efficiency.  
*n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
4. These articles cite five \_\_\_\_\_ of climate change.  
*n.* a particular example or single occurrence of something
5. China's \_\_\_\_\_ industry has developed rapidly with the input of foreign capital.  
*n.* any type of cloth made by weaving or felting or knitting
6. The new software is not \_\_\_\_\_ with the old operating system, causing compatibility issues and errors.  
*adj.* capable of coexisting or working together without conflict or inconsistency; harmonious or well-matched
7. \_\_\_\_\_ the bandage tightly around the injured arm.  
*v.* to cover or enclose something entirely with paper, cloth, or other material
8. The nurse inserted the needle into the \_\_\_\_\_ in his arm to draw blood.  
*n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

ANSWERS: 1. amazed, 2. detached, 3. advantages, 4. instances, 5. textile, 6. compatible, 7. Wrap, 8. vein

9. Eventually, the new design will \_\_\_\_\_ all older models.
- v.* to take the place of something
10. We need to \_\_\_\_\_ the leftovers to keep them from spoiling.
- v.* to cool or preserve food or other items by using a refrigerator or other cold storage device; to keep something at a low temperature to prevent spoilage or degradation
11. This pharmaceutical company is developing \_\_\_\_\_ drugs with fewer side effects.
- n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
12. This automatic door could no longer be opened due to a \_\_\_\_\_ failure.
- n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
13. 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
14. The \_\_\_\_\_ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
15. 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

ANSWERS: 9. replace, 10. refrigerate, 11. antibody, 12. sensor, 13. decide, 14. process, 15. feat

16. \_\_\_\_\_ panels have greatly improved not only in performance but also in durability.

*adj.* of, from, or relating to the sun

17. \_\_\_\_\_ advances have disrupted many industries.

*adj.* based on scientific and industrial progress

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

*adj.* stupid or not sensible; very angry

19. I was able to \_\_\_\_\_ the moment on film.

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

20. The focus of these initiatives is to make the financial system more \_\_\_\_\_.

*adj.* easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely

21. We gained various \_\_\_\_\_ by analyzing the vast amount of data owned by the company.

*n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

22. The political party \_\_\_\_\_ after much internal fighting.

*v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

23. The brain is an incredibly complex organ that controls the body's \_\_\_\_\_.

*n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 16. Solar, 17. Technological, 18. crazy, 19. capture, 20. transparent, 21. insights, 22. dissolved, 23. function

24. The unique style of this martial arts \_\_\_\_\_ many action film producers.  
*v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
25. The researchers try to discover a common \_\_\_\_\_ in all types of successful organizations.  
*n.* one of several parts that combines with others to form something bigger
26. 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
27. Multiple genes may influence behavioral \_\_\_\_\_ concurrently.  
*n.* a particular feature of your nature
28. Our world is in the third \_\_\_\_\_.  
*n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)
29. This company's \_\_\_\_\_ plant is an enormous facility.  
*n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
30. He wrote a \_\_\_\_\_ essay on his experiences during the past year.  
*adj.* showing or characterized by deep thought; capable of physically sending back light or sound
31. I made sure to pick only \_\_\_\_\_ mushrooms for our dinner.  
*adj.* fit or safe to be eaten; able to be consumed as food

ANSWERS: 24. inspired, 25. component, 26. environment, 27. traits, 28. millennium, 29. assembly, 30. reflective, 31. edible

32. The animal rights group worked to \_\_\_\_\_ the dolphins back into the wild.  
*v.* to set free or allow to escape from confinement
33. Skydiving is an overwhelming \_\_\_\_\_ for many people.  
*n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
34. The company develops and sells \_\_\_\_\_ memory for use in computers and servers.  
*n.* a material or substance that can conduct electricity under certain conditions but not others, often used in electronic devices
35. Archaeologists found a Neanderthal \_\_\_\_\_ at that historic site.  
*n.* a bone framework that surrounds the brain and gives the head its shape
36. The \_\_\_\_\_ concentration in the semiconductor determines its electrical conductivity.  
*n.* a substance or element added in small amounts to a semiconductor material during its manufacturing process to alter its electrical or optical properties; a type of impurity introduced intentionally to modify the performance or characteristics of the material
37. She took a \_\_\_\_\_ class at the gym to improve her cardiovascular fitness.  
*n.* the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn
38. In junior high school, we had to dissect a frog in \_\_\_\_\_ class.  
*n.* the scientific study of life and the natural processes of living things
39. \_\_\_\_\_ help dispose of the food waste produced by humans.  
*n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes

ANSWERS: 32. release, 33. thrill, 34. semiconductor, 35. skull, 36. dopant, 37. spinning, 38. biology, 39. Worms



40. She left the \_\_\_\_\_ door open inadvertently.  
*n.* a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh
41. The president began to \_\_\_\_\_ an army.  
*v.* to collect in one place as a single group
42. The \_\_\_\_\_ of this medication is still being tested in clinical trials.  
*n.* the ability or power to produce a desired effect or result; effectiveness
43. She checked her \_\_\_\_\_ before embarking on the hike.  
*n.* a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose
44. The experiment was \_\_\_\_\_ several times to ensure accuracy.  
*v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
45. Einstein's new \_\_\_\_\_ theory transformed traditional scientific notions about light.  
*n.* the academic study of vision and light
46. The \_\_\_\_\_ for the fragile items was made of sturdy materials and could withstand rough handling during shipping.  
*n.* the process, materials, or container used to wrap or contain a product for distribution, storage, or sale; the design or appearance of a product's packaging
47. This region is predominantly \_\_\_\_\_.  
*n.* arid land with little or no vegetation often covered with sand or rocks

ANSWERS: 40. fridge, 41. assemble, 42. efficacy, 43. gear, 44. replicated, 45. optics, 46. packaging, 47. desert

48. She is still \_\_\_\_\_ from a shot to her shoulder.

*v.* to return to a former condition, health, mind, or strength

49. He was pretty \_\_\_\_\_ to pass the exam.

*adj.* having good luck or lucky

50. I \_\_\_\_\_ to him that I had seen his sister at the grocery store earlier that day.

*v.* to speak or write about something or someone briefly

51. The advancement of \_\_\_\_\_ technology has revolutionized the field of telecommunications.

*n.* the science and technology of generating, controlling, and detecting photons or particles of light, particularly about applications in areas such as telecommunications, information processing, and lighting

52. The acupuncturist inserted \_\_\_\_\_ into specific points on my body to alleviate my pain.

*n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood

53. The caterpillar spins a \_\_\_\_\_ around itself before turning into a butterfly.

*n.* a protective covering spun by some insects and other invertebrates

54. The company specializes in manufacturing and selling cutting-edge \_\_\_\_\_.

*n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems

55. The painting is \_\_\_\_\_ and there is no other like it.

*adj.* being the only one of its kind; unlike anything else

ANSWERS: 48. recovering, 49. fortunate, 50. mentioned, 51. photonics, 52. needles, 53. cocoon, 54. electronics, 55. unique,

56. The mRNA \_\_\_\_\_ was approved in less than a year because it did not contain the fragments of the target virus.
- n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
57. The graphic designer will \_\_\_\_\_ the logo over the image in the brochure.
- v.* to place, layer, or overlay one thing on top of another, typically in such a way that both are still visible; to add or combine something additional into an existing structure, design, or system
58. He found that it is difficult to \_\_\_\_\_ socially.
- v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
59. The \_\_\_\_\_ truck arrived with the packages.
- n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth
60. The company's plastic products are easily \_\_\_\_\_ thanks to a unique manufacturing process.
- v.* to decay naturally by microorganisms, such as bacteria and fungi
61. The scientist used an optical \_\_\_\_\_ to analyze the dispersion of light in the laboratory experiment.
- n.* a three-dimensional object with a triangular base and parallel sides, which refracts (= to bend something) light that passes through it, resulting in the separation and display of the colors of the visible spectrum; a metaphorical term used to describe a situation that reveals or illuminates various aspects or perspectives of a particular phenomenon or topic

ANSWERS: 56. vaccine, 57. superimpose, 58. integrate, 59. delivery, 60. biodegraded, 61. prism

62. Detergent weakens the surface tension at the \_\_\_\_\_ of two liquids.  
*n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
63. The city's \_\_\_\_\_ areas should be given more attention regarding infrastructure and resources.  
*adj.* relating to, located on or near, or constituting an outer boundary or edge; not central or essential
64. The election was a \_\_\_\_\_ success for the Whigs.  
*adj.* worthy of attention because unusual or special
65. Her research team made an important \_\_\_\_\_.  
*n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
66. A \_\_\_\_\_ has a hump on its back.  
*n.* a cud-chewing mammal used as a draft or saddle animal in desert regions
67. The minority \_\_\_\_\_ believed in a set of unconventional religious practices.  
*n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
68. That biologist \_\_\_\_\_ the mechanism of heredity.  
*v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
69. The south coast is less \_\_\_\_\_ yet has many clean and appealing hotels.  
*adj.* highly attractive and exciting, and different from ordinary things or people

ANSWERS: 62. interface, 63. peripheral, 64. remarkable, 65. discovery, 66. camel, 67. sect, 68. illuminated, 69. glamorous

70. You should not \_\_\_\_\_ yourself by allowing them to use you.
- v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
71. You \_\_\_\_\_ a bill in the change machine, and the coins pop out.
- v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
72. X-ray inspection revealed many \_\_\_\_\_.
- n.* the breaking or cracking of a rigid material or object such as bone
73. The lightning \_\_\_\_\_ twiggled in several directions.
- n.* a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly
74. The sun will \_\_\_\_\_ the mist.
- v.* to turn a liquid into a gas; to become less intense and disappear gradually
75. Greed is the primary \_\_\_\_\_ in the making of criminals.
- n.* one of the things used to make something, especially one of the foods used to make a particular dish
76. This artwork is \_\_\_\_\_ of her work.
- adj.* having the usual characteristics or traits of a specific group of things
77. The detective followed a \_\_\_\_\_ of clues which ultimately led to the suspect's arrest.
- n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching

ANSWERS: 70. degrade, 71. stick, 72. fractures, 73. bolt, 74. evaporate, 75. ingredient, 76. typical, 77. thread

78. The adrenal \_\_\_\_\_ produce steroids.

- n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream

79. Each ancient tribe has its \_\_\_\_\_ traditions.

- n.* the process of becoming or making somebody or something well again

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

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

81. I like to \_\_\_\_\_ with a good book after a long day at work.

- v.* to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something

82. The girl \_\_\_\_\_ a garland for her friend.

- v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

83. Cities around the world set records for highest \_\_\_\_\_ this summer.

- n.* the degree of hotness or coldness of a thing or place

84. Solar gravity creates \_\_\_\_\_ pressures and temperatures.

- adj.* very great in amount or degree

85. Any activity on the Internet will be stored as a digital \_\_\_\_\_ for life.

- n.* a form of body modification made by inserting ink, dyes, or pigments, either permanent or temporary, into the skin to form a design

86. The organization assisted in the de-escalation of \_\_\_\_\_ violent situations.

- adv.* in a possible state or condition; possibly

ANSWERS: 78. glands, 79. healing, 80. industrious, 81. unwind, 82. weaves, 83. temperatures, 84. extreme, 85. tattoo, 86. potentially

87. They worked hard to \_\_\_\_\_ the nature of their native lands.  
*v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
88. The researcher separated the nervous \_\_\_\_\_ for microscopic examinations.  
*n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
89. The museum had a \_\_\_\_\_ exhibit that was very popular with visitors.  
*n.* a three-dimensional image produced by the interference of light beams from a laser or other coherent light sources used for artistic, scientific, or commercial applications
90. A \_\_\_\_\_ engineer is still in demand in many companies.  
*adj.* operated by a machine, relating to or concerned with machinery or tools
91. The construction industry often utilizes \_\_\_\_\_ insulation panels to improve building energy efficiency.  
*n.* a lightweight, thermoplastic polymer material used in the manufacture of a wide range of products, including packaging, insulation, and consumer goods
92. A deficiency in the \_\_\_\_\_ can lead to a medical condition.  
*n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
93. The \_\_\_\_\_ illusion made it appear like the building was floating in midair.  
*adj.* of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light

ANSWERS: 87. preserve, 88. tissue, 89. hologram, 90. mechanical, 91. polystyrene, 92. enzyme, 93. optical



94. The vaccination does not necessarily make you completely \_\_\_\_\_.
- adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
95. The company's financial records \_\_\_\_\_ how successful it has been.
- v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
96. \_\_\_\_\_ efforts are necessary to combat deforestation and its negative environmental impact.
- n.* the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters
97. The \_\_\_\_\_ of the region is rugged, with many hills and valleys.
- n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features
98. He performed his magic trick \_\_\_\_\_ leaving the audience in awe.
- adv.* onto or on a stage in a theater; in front of an audience
99. Humans and apes have \_\_\_\_\_ anatomical structures.
- adj.* able to link the similarities or differences with others; similar or equivalent to someone or something
100. We must consume dietary \_\_\_\_\_ to maintain good health.
- n.* thread or filament used to make a vegetable tissue, mineral material, or textile
101. That style is no longer in \_\_\_\_\_.
- n.* a style that is popular at a particular time or place; the state of being popular

ANSWERS: 94. immune, 95. illustrate, 96. Reforestation, 97. topography, 98. onstage, 99. comparable, 100. fiber, 101. fashion

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

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

103. She wore a \_\_\_\_\_ dress to the party.

*n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric

104. The new video game has an \_\_\_\_\_ storyline that allows players to make choices that affect the game's outcome.

*adj.* acting reciprocally; mutually responsive

105. The doctor will \_\_\_\_\_ a pacemaker to regulate his heart rate.

*v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

106. The doctor prescribed \_\_\_\_\_ to treat the bacterial infection.

*n.* an antibiotic drug derived from mold and used to treat bacterial infections

107. He spoke with \_\_\_\_\_ conviction about the need for change.

*adj.* having or showing strong feelings, enthusiasm, or dedication or making a strong emotional appeal

108. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.

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

109. She received her \_\_\_\_\_ in psychology from the university.

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

ANSWERS: 102. engineer, 103. silk, 104. interactive, 105. implant, 106. penicillin, 107. impassioned, 108. medicinal, 109. degree

110. Higher \_\_\_\_\_ requires additional equipment and energy.

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

111. 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

112. I always carry a backup \_\_\_\_\_ in case my phone runs out of battery.

*n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

113. The cyclist wore a \_\_\_\_\_ vest to increase visibility on the road at night.

*n.* a surface or object that reflects light, sound, or heat in a specific direction, often used to redirect or focus these elements toward a desired target or area

114. The \_\_\_\_\_ for the cake is passed down from generation to generation in her family.

*n.* a set of instructions for preparing a dish, including the ingredients and the method of cooking

115. He's a \_\_\_\_\_ actor who has acted in various parts.

*adj.* able to do many things in different fields; having many talents

116. Shame and \_\_\_\_\_ have significant social influences.

*n.* the fact of having committed something illegal; the negative feelings caused by believing or knowing that you have done something wrong

117. The space shuttle is a modern engineering \_\_\_\_\_.

*n.* something that causes feelings of wonder or surprise

ANSWERS: 110. purity, 111. bold, 112. device, 113. reflector, 114. recipe, 115. versatile, 116. guilt, 117. marvel

118. This process improves the strength of the metal by controlling the \_\_\_\_\_ lattice structure of the metal.

*adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale

119. Overall \_\_\_\_\_ are approximately 400x200mm.

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

120. He \_\_\_\_\_ the disappointing results to the economic downturn.

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

121. The body needs a certain amount of \_\_\_\_\_ to build and repair tissues.

*n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

122. He was \_\_\_\_\_ talented in playing the piano.

*adv.* in an extraordinary or unusually high degree; to a great extent; unusually well or skillfully

123. Doctors are gradually coming around to the idea of using \_\_\_\_\_ medicines.

*n.* one of two or more available possibilities or choice

124. It seems \_\_\_\_\_ that he has forgotten our scheduled meeting.

*adj.* likely to happen or likely to be true

125. They watched the train \_\_\_\_\_ into the distance.

*v.* to cease to exist or be visible

ANSWERS: 118. nanoscale, 119. dimensions, 120. attributes, 121. protein, 122. exceptionally, 123. alternative, 124. probable, 125. disappear

126. The restaurant \_\_\_\_\_ a ban on smoking.

- v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

127. The treatments were done but, \_\_\_\_\_ were unsuccessful.

- adv.* by bad luck; unluckily

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

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

129. She packed her sunscreen \_\_\_\_\_ to remember it on the beach trip.

- adv.* ahead of time; in advance

130. The customer on the Internet has to choose one from a formidable \_\_\_\_\_ of products.

- n.* a large group or collection of things or people, especially one that is impressive or attractive

131. We store customer data in cloud \_\_\_\_\_.

- n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

132. A famous artist painted the room in a \_\_\_\_\_ pink hue.

- adj.* not readily apparent or visible

133. He had to \_\_\_\_\_ the loose knob back onto the cabinet door.

- v.* to turn something, such as a bolt, with a driver or wrench to tighten or loosen it;  
(noun) a cylindrical rod with a helical ridge used to fasten things together

ANSWERS: 126. reversed, 127. unfortunately, 128. sustainable, 129. beforehand, 130. array, 131. storage, 132. subtle, 133. screw

134. Efficiency isn't an essential \_\_\_\_\_ here; fairness is.  
*n.* a fundamental law or truth that explains or controls how something happens or works
135. The following example \_\_\_\_\_ that the capacity of each battery is the same.  
*v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
136. To expand the company, we must \_\_\_\_ new human resources.  
*v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
137. Relations between the two countries have been relatively \_\_\_\_\_ due to the summit meeting.  
*adj.* firm and steady; not easily moved, disturbed, or changed
138. The sponge takes up the \_\_\_\_\_ well.  
*n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
139. This country faces problems in finding enough suitable \_\_\_\_\_ sites.  
*n.* a site for the disposal of waste materials
140. She \_\_\_\_\_ the book from the shelf.  
*v.* to find or get something back
141. The new software provides \_\_\_\_\_ results, making it much more efficient than the previous version.  
*adj.* occurring or happening immediately or without delay; taking place in an instant or moment

ANSWERS: 134. principle, 135. assumes, 136. tap, 137. stable, 138. liquid, 139. landfill, 140. retrieved, 141. instantaneous

142. They have tried to \_\_\_\_\_ their grocery stores.

v. to change something so drastically that it looks to be completely new

ANSWERS: 142. reinvent