

# Englist.me



## Vocabulary Builder Reference from...

*Manu Prakash: Lifesaving scientific tools made of paper | TED Talk*

[https://www.ted.com/talks/manu\\_prakash\\_lifesaving\\_scientific\\_tools\\_made\\_of\\_paper](https://www.ted.com/talks/manu_prakash_lifesaving_scientific_tools_made_of_paper)

### All Words

#### IMPORTANT

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## Session 1: Word List

### microscope

*n.* an instrument used to see objects or substances that are too small to be seen with the naked eye

*synonym*: lens, magnifier, eyepiece

(1) **microscope** slide, (2) electron **microscope**

I used an optical **microscope** to observe the small organisms in the water sample.

### lens

*n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

*synonym*: glass

(1) a convex **lens**, (2) a **lens** with a wide angle

The photographer took this photo using a telephoto **lens**.

### 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.

- bay** *n.* a part of the coast that is partially enclosed by land; a compartment or section of a ship or building  
*synonym* : inlet, cove, gulf  
(1) **bay** area, (2) the mouth of a **bay**  
She walked along the **bay** and collected shells.
- supersede** *v.* to replace or be replaced by something else, particularly something newer, better, or more effective; to supplant or take over the place or function of another  
*synonym* : replace, override, displace  
(1) **supersede** an old method, (2) **supersede** a tradition  
The new technology will **supersede** the old one in no time.
- imaginary** *adj.* existing only in someone's mind  
*synonym* : fictional, ideal, fantastical  
(1) **imaginary** number, (2) **imaginary** pregnancy  
Little children tend to have **imaginary** friends.
- universal** *adj.* existing or affecting everywhere or everyone  
*synonym* : common, broad, worldwide  
(1) **universal** life, (2) principles of **universal** design  
The picture earned near- **universal** acclaim from critics.
- phrase** *n.* a group of words that mean something specific when used together  
*synonym* : expression, idiom, term  
(1) ready-made **phrases**, (2) noun **phrase**  
We bought a Spanish **phrase** book.
- lab** *n.* a workplace for the conduct of scientific research; a laboratory  
*synonym* : workshop, laboratory, research chamber  
(1) **lab** instrument, (2) medical **lab**  
The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

## communal

*adj.* belonging to or used by a group rather than individuals; for common use

*synonym* : collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

**Communal** elections were held in several European countries.

## inspiring

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

*synonym* : exhilarating, encouraging, heartening

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

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

## phenomenal

*adj.* extremely good or impressive; outstanding

*synonym* : extraordinary, remarkable, impressive

(1) **phenomenal** success, (2) **phenomenal** growth

The athlete's **phenomenal** performance broke all previous records.

## identify

*v.* to recognize someone or something and say or prove who or what they are

*synonym* : determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

## mosquito

*n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

*synonym* : insect, bug, flea

(1) **mosquito** bite, (2) **mosquito** repellent

A stagnant water area are breeding ground for **mosquitos**.

## dengue

*n.* a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash

*synonym* : breakbone fever, infectious tropical disease

(1) **dengue** mosquito, (2) **dengue** outbreak

Many people in this region have contracted **dengue** fever from mosquito bites.

## larva

*n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

*synonym* : caterpillar, grub, maggot

(1) **larva** of a butterfly, (2) a moth **larva**

The butterfly emerged from its **larva** stage.

## pharmacology

*n.* the branch of medicine concerned with the study of drugs and their effects on the body, including their properties, uses, and interactions with other substances

*synonym* : pharmacy, pharmaceuticals

(1) **pharmacology** research, (2) **pharmacology** textbook

Medical professionals must stay up-to-date with the latest developments in **pharmacology** to ensure optimal patient care.

## detect

*v.* to find or recognize something, especially something difficult to see, hear, etc.

*synonym* : catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders

The security camera has **detected** four intruders.

## fake

*adj.* not genuine; fraudulent or counterfeit

*synonym* : affected, bogus, counterfeit

(1) **fake** police officer, (2) spread of **fake** news

The prime minister was not well prepared for the debate and **faked** it

## glitter

*v.* to shine with bright, sparkling light; to reflect light in a way that sparkles and shines

*synonym* : sparkle, glisten, shine

(1) **glitter** against her skin, (2) **glitter** in her eyes

Her dress **glittered** in the sunlight as she walked down the street.

## 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**.

## physics

*n.* the science of matter and energy and their interactions

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

He studied the **physics** of radiation.

## crystalline

*adj.* resembling crystal in clarity, transparency, or brilliance; having a highly ordered and symmetrical molecular structure

*synonym*: crystallized, clear, transparent

(1) **crystalline** structure, (2) **crystalline** water

The geologist found a beautiful specimen of a **crystalline** mineral.

## cervical

*adj.* relating to the neck or the cervix (= the narrow passage forming the lower end of the uterus)

*synonym*: cervical, neck, spinal

(1) **cervical** cancer, (2) **cervical** spine

She must undergo a **cervical** screening to check for abnormalities in her reproductive system.

## cancer

*n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

*synonym*: tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

- flea** *n.* a small, agile, wingless, and parasitic insect that feeds on the blood of mammals and birds  
*synonym* : pulex, siphonaptera, biter  
(1) local **flea** market, (2) **flea** infestation  
The **flea-borne** disease caused a severe outbreak in the city.
- heel** *n.* the rounded back part of the foot below the ankle; someone who is morally reprehensible; (verb) to follow someone or something  
*synonym* : hindfoot  
(1) **heel** bone, (2) **heel** wrestler  
She wore high **heels** to the party.
- centimeter** *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter  
(1) **centimeter** measurement, (2) thirty **centimeters** tall  
The room was only one **centimeter** wider than the piano, making it a tight fit.
- anomaly** *n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand  
*synonym* : abnormality, irregularity, deviation  
(1) **anomaly** detection, (2) global temperature **anomaly**  
The sudden drop in the stock market was an **anomaly** that puzzled many investors.
- mad** *adj.* insane, especially due to a mental illness; very angry  
*synonym* : crazy, insane, furious  
(1) a **mad** person, (2) gets **mad** easily  
He was **mad** with joy to see the results.
- frugal** *adj.* characterized by being sparing or economical about money or resources; avoiding waste or luxury  
*synonym* : economical, thrifty, sparing  
(1) live a **frugal** lifestyle, (2) a **frugal** meal  
My grandparents were always **frugal** with their money, even

when they had plenty of it.

## planet

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

*synonym*: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**  
Mercury is the closest **planet** to the sun.

## absolutely

*adv.* without restriction or limitation; completely or utterly

*synonym*: completely, utterly, definitely

(1) **absolutely** against, (2) **absolutely** obsessed with the girl

I am **absolutely** opposed to his idea because of morality.

## infrastructure

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

*synonym*: foundation, framework

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

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

## electrify

*v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

*synonym*: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

## poverty

*n.* the condition of being extremely poor

*synonym*: deprivation, destitution, poorness

(1) **poverty** alleviation, (2) the cycle of **poverty**

Many studies have investigated the relationship between

**poverty** and academic achievement.

## suppose

*v.* to think that something is likely to be actual or possible  
*synonym* : guess, assume, presume

(1) **suppose** you're right, (2) **suppose** beforehand  
What do you **suppose** the culprit's motive was?

## 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.

## infectious

*adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water  
*synonym* : contagious, epidemic, transmittable

(1) an **infectious** fever, (2) person's smile is **infectious**  
Leprosy is an indolent **infectious** disease.

## disease

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

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

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

## bare

*adj.* not covered or clothed; lacking embellishment or decoration; mere or basic; undisguised or open; empty or devoid of something  
*synonym* : naked, exposed, uncovered

(1) **bare** minimum, (2) **bare** essentials

She wore a simple dress with a **bare** neckline



## context

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

*synonym* : background, setting, environment

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

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

## diagnose

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

*synonym* : identify, analyze, interpret

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

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

## grid

*n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

*synonym* : gridiron, battery grid, power system

(1) a **grid** design, (2) a wire **grid**

**Grid** pattern roads often appear in urban areas.

## schistosomiasis

*n.* a parasitic disease caused by a type of flatworm (schistosome) that inhabits the blood vessels of certain organs, typically the intestines or urinary system, causing inflammation, pain, and other symptoms

*synonym* : snail fever, bilharzia, schisto

(1) **schistosomiasis** outbreak, (2) prevent

**schistosomiasis** infection

Untreated **schistosomiasis** can lead to chronic health problems, including liver damage and an increased risk of bladder cancer.

## observation

*n.* the act or activity of carefully examining or monitoring something or someone

*synonym* : watching, notice, reflection

(1) class **observation** day, (2) **observation** instrument

In the hospital, she will remain under constant **observation**.

## clinic

*n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition

*synonym*: hospital, infirmary

(1) visit to the veterinary **clinic**, (2) a dental **clinic**

She holds a **clinic** on Tuesday mornings.

## centrifuge

*n.* a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids

*synonym*: separator, extractor, spinner

(1) **centrifuge** tube, (2) ultra-high-speed **centrifuges**

The laboratory technician placed the blood samples in the **centrifuge** to separate the different components.

## junk

*n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition

*synonym*: trash, debris, waste

(1) **junk** mail, (2) hunk of **junk**

I need to clear out some of the **junk** in my garage.

## pinnacle

*n.* the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success

*synonym*: summit, peak, apex

(1) architectural **pinnacle**, (2) reached the **pinnacle**

Climbing to the **pinnacle** of the mountain is a challenge that many outdoor enthusiasts strive to achieve.

## 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.

## separate

*v.* to force, take, or pull apart; mark as different

*synonym* : disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

## 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.

## fluid

*n.* a substance that can flow and is not solid

*synonym* : liquid, aqua, sap

(1) plenty of **fluids**, (2) **fluid** assets

She was diagnosed with a **fluid** buildup in her lungs.

## pathogen

*n.* a bacterium, virus, or other microorganism that causes disease

*synonym* : germ, microbe, bacterium

(1) plant **pathogen**, (2) the **pathogen** in the air

mRNA vaccines are approved faster because they do not contain inactivated **pathogens**.

## bulky

*adj.* taking up much space or being difficult to move because of its size or weight; large and unwieldy

*synonym* : large, cumbersome, unwieldy

(1) **bulky** material, (2) **bulky** packaging

The **bulky** furniture made it difficult to move around the small room.

## toy

*n.* a thing, typically a small model or replica of something that is played with, especially by children

*synonym*: plaything, game, trinket

(1) **toy** store, (2) **toy** box

He gave his daughter a new **toy** for her birthday.

## spin

*v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented

*synonym*: rotate, twirl, swirl

(1) **spin** a top, (2) **spin** thread out of cotton

The tornado is **spinning** across the countryside, destroying everything in its path.

## 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.

## stumble

*v.* to miss a step and fall or nearly fall; to walk unsteadily

*synonym*: bumble, struggle, misstep

(1) **stumble** financially, (2) **stumble** through life

She **stumbled** over the tree root.

## whirl

*v.* to spin or turn rapidly; to move or be moved quickly in a circular manner; (noun) a spinning or rotating movement, often rapid or chaotic in nature

*synonym*: spin, rotate, swirl

(1) **whirl** in the washing machine, (2) **whirl** around the dance floor

The leaves began to **whirl** around in the windy weather.

## buzzer

*n.* a device that produces a rapid, high-pitched sound or noise, often used to signal something or draw attention to something

*synonym* : alarm, signal, beeper

(1) door **buzzer**, (2) alarm **buzzer**

She jumped when the harsh **buzzer** noise indicated her laundry was done.

## string

*n.* long, thin material used for tying things together, composed of several twisted threads

*synonym* : line, wire, rope

(1) retie the **string** and make it strong, (2) tense piano **strings**

She wore a **string** of pearls around her neck.

## disk

*n.* a flat, circular plate, typically made of metal, glass, or plastic, used for storing data or playing music

*synonym* : record, platter, plate

(1) **disk** drive, (2) **disk** space

The computer's hard **disk** was full, so she had to delete some files.

## humankind

*n.* the whole of the living human inhabitants of the earth

*synonym* : humanity, human race, society

(1) **humankind** as a species, (2) history of **humankind**

On the geological time scale, **humankind** has existed for a brief moment.

## relic

*n.* an object from a previous era, especially one of historical value

*synonym* : whiff, vestige, antique

(1) historical **relic**, (2) holy **relics**

This bronze sword is a **relic** of ancient times.

## irony

*n.* the expression of one's meaning by using language that usually signifies the opposite, typically for humorous or rhetorical effect

*synonym* : sarcasm, cynicism, wit

(1) bitter **irony**, (2) **irony** humor

The **irony** of the situation is that he won the lottery on the day he lost his job.

## excite

*v.* to make someone feel suddenly enthusiastic or eager

*synonym* : thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

## equation

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

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

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

## torque

*n.* a twisting or rotational force that tends to cause rotation around an axis; a measure of the force that can cause an object to rotate;

*synonym* : twist, rotation, spin

(1) high **torque**, (2) **torque** settings

The mechanic used a **torque** wrench to tighten the bolts on the car engine.

## drag

*v.* to pull or haul with force

*synonym* : haul, pull, draw

(1) **drag** a chair over, (2) **drag** a team down

He **dragged** the heavy suitcase behind him as he walked.

## twist

*v.* to bend or turn something into a certain shape

*synonym* : wrench, turn, twirl

(1) **twist** around to the left, (2) **twist** a wet towel

He **twisted** pieces of rope out of straw.

## mathematics

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

*synonym*: arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for **mathematics**.

## analytical

*adj.* relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze

*synonym*: investigative, logical, cogent

(1) **analytical** approach, (2) **analytical** ability

He is **analytical** and can break down complex problems into manageable parts.

## dynamic

*adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

*synonym*: energetic, active, vital

(1) a **dynamic** market, (2) **dynamic** person

The sprinter has a **dynamic** way of running.

## doctoral

*adj.* of or relating to doctorate (= the highest degree from a university) or the achievement of a doctorate

*synonym*: doctoral

(1) **doctoral** program, (2) **doctoral** research

She is pursuing a **doctoral** degree in psychology to become a licensed therapist.

## invention

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

*synonym*: creation, design, innovation

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

Necessity is the mother of **invention**.

## 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.

## handle

*v.* to deal with a situation, problem, or strong emotion

*synonym*: control, manage, deal with

(1) **handle** a precious object, (2) **handled** the incident  
We all should learn how to **handle** stress.

## calculate

*v.* to judge or find out the amount or number of something by using mathematics

*synonym*: compute, figure, estimate

(1) **calculate** the distance, (2) **calculate** his credit score  
He couldn't **calculate** the actual value of the artwork.

## anatomy

*n.* the scientific study that deals with the physical structure of humans, animals, or plants

(1) animal **anatomy**, (2) **anatomy** of a country's collapse  
The professor explained the **anatomy** of the nervous system.

## resonant

*adj.* tending to reinforce or prolong sound by sympathetic vibration; having a quality that elicits a similar response or feeling

*synonym*: echoing, reverberating, resonating

(1) **resonant** with the sound, (2) **resonant** cavity

The **resonant** frequency of the guitar string was measured with a tuner.

## frequency

*n.* an ordered array of colors into which a light beam can be split

*synonym*: recurrence, repetition, regularity

(1) **frequency** band, (2) high **frequency**

The oscillator hunts for the correct **frequency**.

## hertz

*n.* the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic



waves or electronic signals

*synonym* : frequency, cycles per second

(1) audio **hertz**, (2) tera- **hertz** radiation

The human ear can detect sounds with frequencies ranging from 20 to 20,000 **hertz**.

## maximum

*adj.* the largest or greatest amount or value attainable or attained

*synonym* : peak, top, highest

(1) **maximum** limit, (2) the **maximum** speed

The **maximum** temperature recorded this summer was higher than average.

## achieve

*v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

*synonym* : accomplish, attain, reach

(1) **achieve** success, (2) **achieve** milestones

I will work hard to **achieve** my goals and realize my dreams.

## g-force

*n.* a force acting on a body as a result of acceleration or gravity expressed in units of acceleration equal to the acceleration of gravity

*synonym* : acceleration, gravity, force

(1) **g-force** acceleration, (2) **g-force** simulator

The astronauts experienced high **g-forces** during takeoff.

## 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.

## demonstrate

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

*synonym* : show, illustrate, display

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

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

## prick

v. to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication

*synonym* : poke, jab, sting

(1) **prick** a balloon, (2) **prick** up her ears

He accidentally **pricked** his finger with the needle.

## lancet

n. a sharp, pointed surgical instrument used for making incisions or punctures, typically in medical procedures

*synonym* : scalpel, blade, surgical instrument

(1) **lancet** device, (2) surgical **lancet**

The doctor used a **lancet** for a small incision on the patient's skin.

## capillary

n. a tube of small internal diameter; any of the minute tubes that carry blood

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

There are many **capillary** vessels in the gills of fish.

## malaria

n. a severe disease caused by a parasite that is spread by the bite of an infected mosquito

(1) **malaria** mosquitoes, (2) **malaria-endemic** area

Many people in tropical countries die from **malaria** every year.

## wick

n. a narrow strip of material, such as cotton or fiberglass, that is used to draw up oil, wax, or other fluid that is burned in a lamp, candle, or other flame-producing devices; (verb) to absorb or draw up liquid by capillary action

*synonym* :

cord, string, taper

(1) cotton **wick**, (2) **wick** moisture

The candle's **wick** burned, signaling it was time to extinguish it.

## seal

*v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed

*synonym*: enclose, shut, close

(1) **seal** a hole, (2) a fur **seal**

He **sealed** the letter with hot wax.

## clay

*n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics

*synonym*: ceramics, pottery, dirt

(1) **clay** animation, (2) soft **clay** ground

The sculptor carefully molded the **clay** into the desired shape.

## sealed

*adj.* closed or secured with

*synonym*: closed, impenetrable

(1) **sealed** orders, (2) **sealed** jar

We packed and shipped the product in **sealed** containers.

## mount

*v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone

*synonym*: climb, increase, get on

(1) **mount** a hill, (2) **mount** a counterattack

They **mounted** pictures on the paper in preparation for the birthday card.

## 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.

## cavity

*n.* an empty space or hollowness within a solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground

*synonym* : hollows, holes, indenture

(1) tooth **cavity**, (2) **cavity** filling

I have a **cavity** in one of my molars and must schedule a dentist appointment.

## enclose

*v.* to surround, as with a fence, wall, or barrier; to put within boundaries; to include

*synonym* : surround, encase, contain

(1) **enclose** a check with a letter, (2) **enclose** area

The walls were **enclosed** to create a private outdoor space.

## rotate

*v.* to turn around a central point or axis; to move in a circular path around something

*synonym* : turn, revolve, spin

(1) **rotate** crops, (2) **rotate** about the origin

The Earth **rotates** on its axis once every 24 hours.

## plasma

*n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons

(1) **plasma** membrane, (2) high-temperature **plasma**

Blood **plasma** makes up about half of the volume of blood.

## ratio

*n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal

*synonym* : proportion, rate, quota

(1) debt-to-income **ratio**, (2) **ratio** of boys to girls

The **ratio** of water to sugar in the recipe is 1:2.

## volume

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

*synonym*: capacity, amount, intensity

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

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

## anemic

*adj.* relating to or suffering from anemia, a condition marked by a deficiency of red blood cells or hemoglobin, resulting in lower-than-normal levels of oxygen in the body; lacking vitality, energy, or strength

*synonym*: weak, feeble, fragile

(1) **anemic** appearance, (2) **anemic** economy

The company's website had **anemic** traffic, with very few visitors each month.

## aspect

*n.* one part or feature of a situation, problem, subject, etc.

*synonym*: characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

## parasite

*n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

*synonym*: hitchhiker, leech, saprophyte

(1) blood-sucking **parasite**, (2) **parasite** disease

Tapeworms are **parasites** that live in the intestines of humans and animals.

## nucleus

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

*synonym*: core, heart, middle

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

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

## acid

*n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

*synonym* : sour

(1) an **acid** reaction, (2) good source of essential amino **acids**

During pregnancy, the stomach generates less **acid** than usual.

## bulk

*n.* the quantity or size of something that is very large; the main part of something

*synonym* : majority, largeness, amount

(1) buy in **bulk**, (2) **bulk** data transfer

I received a parcel of great **bulk**.

## implement

*v.* to put a decision, plan, or system into effect

*synonym* : execute, enforce, put through

(1) **implement** a corporate strategy, (2) **implement** security measures

The government promised to **implement** a new system to control the financial crisis.

## multiplex

*n.* a cinema complex with several screens or theaters showing different films at the same time; an electronic device that allows several signals to be transmitted or processed simultaneously through a single channel; (adjective) relating to or consisting of multiple interconnected parts or elements

*synonym* : multiplexer, complex, cinema

(1) **multiplex** telegraphy, (2) **multiplex** DNA analysis

The new **multiplex** cinema has 12 screens showing the latest movies.

## preparation

*n.* the activity of getting ready for something or making something ready

*synonym* : practice, trial, rehearsal

(1) a **preparation** program, (2) the **preparation** of meals

He helped me with the **preparation** of this book.

## chemistry

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

(1) professor of **chemistry**, (2) the **chemistry** of soil  
He is familiar with **chemistry** and biology.

## clinical

*adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

*synonym* : dispassionate, analytic, scientific

(1) **clinical** surgery, (2) participate in **clinical** trials  
She received special **clinical** training at the hospital.

## negative

*adj.* having the quality of something bad or harmful; expressing refusal

*synonym* : minus, adverse, pessimistic

(1) have a **negative** effect, (2) a **negative** number  
The movie has received almost universally **negative** criticism.

## chikungunya

*n.* a viral infection carried by mosquitoes that causes fever and severe joint pain, often accompanied by a rash, headache, muscle pain, and fatigue

*synonym* : dengue fever, zika virus, malaria

(1) **chikungunya** fever, (2) **chikungunya** outbreak  
The **chikungunya** virus is transmitted to humans by mosquitoes.

## identical

*adj.* being the exact same one

*synonym* : duplicate, exact, analogous

(1) pair of **identical** twins, (2) an **identical** equation  
Infant formulas are nutritionally almost **identical** to a mother's breast milk.

## entomology

*n.* the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships

with other organisms in their environment

*synonym* : insect science, bug study, insectology

(1) **entomology** lab, (2) **entomology** book

The museum offered a guided tour of its **entomology** exhibit featuring various insects.

## flirt

v. to talk or behave as if sexually attracted to someone, without serious intentions; (noun) a seductive woman who uses her sex appeal to exploit men

*synonym* : tease

(1) **flirt** with him, (2) **flirt** like a schoolgirl

My husband never **flirts** with other women.

## chase

v. to pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes

*synonym* : pursue, hunt, track

(1) **chase** a dream, (2) wild goose **chase**

The police officer **chased** the suspect through the crowded streets until they finally caught him.

## wingbeat

n. the motion or rhythm of a bird's wings while in flight, often used to describe the sound or frequency of the wing flaps

*synonym* : flap, flutter, oscillation

(1) bird **wingbeat**, (2) **wingbeat** frequency

The hummingbird's rapid **wingbeat** allows it to hover in place while collecting nectar from flowers.

## flip

v. to turn over into a different position quickly; to throw or toss with a light motion

*synonym* : throw, jump

(1) **flip** over the pork chop, (2) **flip** a coin

He **flipped** when he heard that he had been accepted into



the university.

## acoustic

*adj.* relating to sound or the sense of hearing

*synonym* : aural, hearing, acoustical

(1) **acoustic** properties of a hall, (2) **acoustic** guitar

The ground acts as an **acoustic** barrier against outside sounds.

## 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.

## microphone

*n.* a device that converts sound into an electrical signal used for recording sounds or making the voice louder

*synonym* : mic, megaphone, amplifier

(1) **microphone** cable, (2) built-in **microphone**

The interviewer asked him to speak into the **microphone**.

## damn

*v.* to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger

*synonym* : curse, condemn, denounce

(1) **damn** the consequences, (2) **damn** with faint praise

The company's poor financial performance is likely to **damn** the CEO's chances of being re-elected to the board.

## buzz

*v.* to make a continuous, low humming sound such as the one a bee makes; an exciting and active atmosphere

*synonym* : hum, murmur, whisper

(1) the **buzz** of a cicada, (2) **buzz** marketing

I heard the **buzz** of conversation from the next room.

## charm

*n.* the power or quality of pleasing or fascinating people

*synonym* : allure, appeal, beauty

(1) masculine **charm**, (2) **charm** against bad luck  
These are significantly more exquisite than typical **charm** bracelets.

## database

*n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily

(1) **database** administrator, (2) employee **database**

Each country's officials can access the central **database**.

## upload

*v.* to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files

*synonym*: transfer, load up

(1) **upload** files, (2) **upload** documents to the portal

I need to **upload** these pictures to my computer to edit them.

## 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.

## climate

*n.* the weather in a particular location averaged over some long period

*synonym*: atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change

**Climate** and weather have an impact on every part of our lifestyles.

## biodiversity

*n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment

(1) **biodiversity** conservation, (2) loss of **biodiversity**

The country was instrumental in promoting the **biodiversity** treaty.

**afford**

v. to have enough money or time to be able to buy or do something

(1) **afford** to buy a new car, (2) **afford** a high travel cost  
He cannot **afford** a holiday.

**tingle**

v. to cause a stinging or prickling sensation; (noun) a feeling of slight numbness or a slight prickling or stinging sensation, typically as a result of cold or excitement

*synonym*: feel tickled, itch, prickle

(1) **tingle** up my spine, (2) **tingle** with anticipation  
My nerves began to **tingle** before the show started.

## Session 2: Spelling

1. door bu\_\_\_r *n.* a device that produces a rapid, high-pitched sound or noise, often used to signal something or draw attention to something
  
2. a cold cl\_\_\_\_\_e *n.* the weather in a particular location averaged over some long period
  
3. in\_\_\_\_\_e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
  
4. a l\_\_s with a wide angle *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation
  
5. a moth la\_\_a *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
  
6. gets m\_d easily *adj.* insane, especially due to a mental illness; very angry
  
7. un\_\_\_\_\_al life *adj.* existing or affecting everywhere or everyone
  
8. ti\_\_\_e up my spine *v.* to cause a stinging or prickling sensation; (noun) a feeling of slight numbness or a slight prickling or stinging sensation, typically as a result of cold or excitement

ANSWERS: 1. buzzer, 2. climate, 3. inspire, 4. lens, 5. larva, 6. mad, 7. universal, 8. tingle

9. legal co\_\_\_\_\_t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
10. po\_\_\_\_\_y alleviation *n.* the condition of being extremely poor
11. di\_\_\_\_\_se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
12. ma\_\_\_\_\_m limit *adj.* the largest or greatest amount or value attainable or attained
13. form a nu\_\_\_\_\_s *n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom
14. inf\_\_\_\_\_ure cost *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
15. spare co\_\_\_\_\_nts for cars *n.* one of several parts that combines with others to form something bigger
16. common in\_\_\_\_\_on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
17. built-in mic\_\_\_\_\_ne *n.* a device that converts sound into an electrical signal used for recording sounds or making the voice louder
18. blood-sucking pa\_\_\_\_\_te *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

ANSWERS: 9. context, 10. poverty, 11. diagnose, 12. maximum, 13. nucleus, 14. infrastructure, 15. component, 16. invention, 17. microphone, 18. parasite

19. wi\_\_\_\_\_at frequency *n.* the motion or rhythm of a bird's wings while in flight, often used to describe the sound or frequency of the wing flaps
20. mic\_\_\_\_\_pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
21. laws of ph\_\_\_\_\_s *n.* the science of matter and energy and their interactions
22. nuclear ph\_\_\_\_\_s *n.* the science of matter and energy and their interactions
23. ready-made ph\_\_\_\_es *n.* a group of words that mean something specific when used together
24. 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
25. ro\_\_\_e crops *v.* to turn around a central point or axis; to move in a circular path around something
26. local f\_\_a market *n.* a small, agile, wingless, and parasitic insect that feeds on the blood of mammals and birds
27. su\_\_\_\_\_de a tradition *v.* to replace or be replaced by something else, particularly something newer, better, or more effective; to supplant or take over the place or function of another

ANSWERS: 19. wingbeat, 20. microscope, 21. physics, 22. physics, 23. phrase, 24. process, 25. rotate, 26. flea, 27. supersede

28. vo\_\_\_e of work *n.* the amount of space occupied by an object or substance; the magnitude of sound
29. the ch\_\_\_\_\_ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
30. an\_\_\_\_\_y detection *n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand
31. en\_\_\_\_\_e area *v.* to surround, as with a fence, wall, or barrier; to put within boundaries; to include
32. pl\_\_\_a membrane *n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons
33. phe\_\_\_\_\_al success *adj.* extremely good or impressive; outstanding
34. a fr\_\_\_l meal *adj.* characterized by being sparing or economical about money or resources; avoiding waste or luxury
35. mo\_\_\_\_\_to bite *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
36. an id\_\_\_\_\_al equation *adj.* being the exact same one

ANSWERS: 28. volume, 29. chemistry, 30. anomaly, 31. enclose, 32. plasma, 33. phenomenal, 34. frugal, 35. mosquito, 36. identical

37. a fur s\_\_l *v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed
38. f\_\_p over the pork chop *v.* to turn over into a different position quickly; to throw or toss with a light motion
39. se\_\_\_d jar *adj.* closed or secured with
40. abs\_\_\_\_\_ly against *adv.* without restriction or limitation; completely or utterly
41. visit to the veterinary cl\_\_\_c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
42. re\_\_\_\_\_e a phone *v.* to take the place of something
43. pl\_\_\_t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
44. ac\_\_\_\_\_e milestones *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
45. d\_\_k drive *n.* a flat, circular plate, typically made of metal, glass, or plastic, used for storing data or playing music
46. loss of bio\_\_\_\_\_ity *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment

ANSWERS: 37. seal, 38. flip, 39. sealed, 40. absolutely, 41. clinic, 42. replace, 43. planet, 44. achieve, 45. disk, 46. biodiversity



47. se\_\_\_\_te video into chapter      *v.* to force, take, or pull apart; mark as different
48. history of hu\_\_\_\_\_nd      *n.* the whole of the living human inhabitants of the earth
49. a g\_\_d design      *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
50. up\_\_\_\_d documents to the portal      *v.* to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files
51. a chemical eq\_\_\_\_\_on      *n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
52. the b\_\_z of a cicada      *v.* to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere
53. cry\_\_\_\_\_ne structure      *adj.* resembling crystal in clarity, transparency, or brilliance; having a highly ordered and symmetrical molecular structure
54. historical co\_\_\_\_\_t      *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
55. en\_\_\_\_e a check with a letter      *v.* to surround, as with a fence, wall, or barrier; to put within boundaries; to include

ANSWERS: 47. separate, 48. humankind, 49. grid, 50. upload, 51. equation, 52. buzz, 53. crystalline, 54. context, 55. enclose

56. ir\_\_y humor *n.* the expression of one's meaning by using language that usually signifies the opposite, typically for humorous or rhetorical effect
57. professor of ch\_\_\_\_\_ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
58. key co\_\_\_\_\_nt *n.* one of several parts that combines with others to form something bigger
59. a ca\_\_\_\_\_ry tube *n.* a tube of small internal diameter; any of the minute tubes that carry blood
60. medical l\_b *n.* a workplace for the conduct of scientific research; a laboratory
61. ca\_\_\_\_\_te his credit score *v.* to judge or find out the amount or number of something by using mathematics
62. wild goose ch\_\_e *v.* to pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes
63. pair of id\_\_\_\_\_al twins *adj.* being the exact same one
64. co\_\_\_\_\_al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
65. chi\_\_\_\_\_ya outbreak *n.* a viral infection carried by mosquitoes that causes fever and severe joint pain, often accompanied by a rash, headache, muscle pain, and fatigue

ANSWERS: 56. irony, 57. chemistry, 58. component, 59. capillary, 60. lab, 61. calculate, 62. chase, 63. identical, 64. communal, 65. chikungunya

66. ent\_\_\_\_\_gy lab *n.* the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment
67. re\_\_\_\_\_e one word with another *v.* to take the place of something
68. save the pl\_\_\_\_t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
69. im\_\_\_\_\_nt security measures *v.* to put a decision, plan, or system into effect
70. the eq\_\_\_\_\_on of poverty with ignorance *n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
71. s\_\_l a hole *v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed
72. di\_\_\_\_\_e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
73. debt-to-income ra\_\_o *n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
74. ex\_\_\_\_e the crowd *v.* to make someone feel suddenly enthusiastic or eager

ANSWERS: 66. entomology, 67. replace, 68. planet, 69. implement, 70. equation, 71. seal, 72. disease, 73. ratio, 74. excite

75. tense piano st\_\_\_gs *n.* long, thin material used for tying things together, composed of several twisted threads
76. ce\_\_\_\_\_al cancer *adj.* relating to the neck or the cervix (= the narrow passage forming the lower end of the uterus)
77. ce\_\_\_\_\_al spine *adj.* relating to the neck or the cervix (= the narrow passage forming the lower end of the uterus)
78. bu\_\_y material *adj.* taking up much space or being difficult to move because of its size or weight; large and unwieldy
79. im\_\_\_\_\_ry pregnancy *adj.* existing only in someone's mind
80. plenty of fl\_\_ds *n.* a substance that can flow and is not solid
81. wh\_\_l in the washing machine *v.* to spin or turn rapidly; to move or be moved quickly in a circular manner; (noun) a spinning or rotating movement, often rapid or chaotic in nature
82. retie the st\_\_\_g and make it strong *n.* long, thin material used for tying things together, composed of several twisted threads
83. re\_\_\_\_\_e CO2 into the air *v.* to set free or allow to escape from confinement
84. a m\_d person *adj.* insane, especially due to a mental illness; very angry
85. ha\_\_\_e a precious object *v.* to deal with a situation, problem, or strong emotion

ANSWERS: 75. string, 76. cervical, 77. cervical, 78. bulky, 79. imaginary, 80. fluid, 81. whirl, 82. string, 83. release, 84. mad, 85. handle

86. nontechnical as\_\_\_ts of the job *n.* one part or feature of a situation, problem, subject, etc.
87. alarm bu\_\_\_r *n.* a device that produces a rapid, high-pitched sound or noise, often used to signal something or draw attention to something
88. chi\_\_\_\_\_ya fever *n.* a viral infection carried by mosquitoes that causes fever and severe joint pain, often accompanied by a rash, headache, muscle pain, and fatigue
89. re\_\_\_\_\_e a prisoner *v.* to set free or allow to escape from confinement
90. incredible th\_\_\_l *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
91. su\_\_\_\_\_e you're right *v.* to think that something is likely to be actual or possible
92. h\_\_l bone *n.* the rounded back part of the foot below the ankle; someone who is morally reprehensible; (verb) to follow someone or something
93. cen\_\_\_\_\_er measurement *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
94. f\_\_e police officer *adj.* not genuine; fraudulent or counterfeit
95. the cycle of po\_\_\_\_\_y *n.* the condition of being extremely poor
96. t\_y box *n.* a thing, typically a small model or replica of something that is played with, especially by children

ANSWERS: 86. aspect, 87. buzzer, 88. chikungunya, 89. release, 90. thrill, 91. suppose, 92. heel, 93. centimeter, 94. fake, 95. poverty, 96. toy

97. ac\_\_\_\_e success *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
98. 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
99. hunk of j\_\_k *n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition
100. g-\_\_\_\_e simulator *n.* a force acting on a body as a result of acceleration or gravity expressed in units of acceleration equal to the acceleration of gravity
101. mo\_\_\_\_to repellent *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
102. high-temperature pl\_\_\_\_a *n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons
103. de\_\_\_\_e outbreak *n.* a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash

ANSWERS: 97. achieve, 98. spinning, 99. junk, 100. g-force, 101. mosquito, 102. plasma, 103. dengue

104. d\_\_k space *n.* a flat, circular plate, typically made of metal, glass, or plastic, used for storing data or playing music
105. la\_\_\_t device *n.* a sharp, pointed surgical instrument used for making incisions or punctures, typically in medical procedures
106. high to\_\_\_e *n.* a twisting or rotational force that tends to cause rotation around an axis; a measure of the force that can cause an object to rotate;
107. noun ph\_\_\_e *n.* a group of words that mean something specific when used together
108. plant pa\_\_\_\_\_en *n.* a bacterium, virus, or other microorganism that causes disease
109. animal an\_\_\_\_y *n.* the scientific study that deals with the physical structure of humans, animals, or plants
110. mo\_\_t a hill *v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
111. di\_\_\_\_\_se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
112. thirty cen\_\_\_\_\_ers tall *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
113. participate in cl\_\_\_\_\_al trials *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

ANSWERS: 104. disk, 105. lancet, 106. torque, 107. phrase, 108. pathogen, 109. anatomy, 110. mount, 111. diagnose, 112. centimeter, 113. clinical

114. 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.
115. fl\_\_t with him      *v.* to talk or behave as if sexually attracted to someone, without serious intentions; (noun) a seductive woman who uses her sex appeal to exploit men
116. dy\_\_\_\_c person      *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
117. dem\_\_\_\_\_te a difference      *v.* to display something or give an exhibition to an interested audience
118. the mouth of a b\_y      *n.* a part of the coast that is partially enclosed by land; a compartment or section of a ship or building
119. an inf\_\_\_\_\_us fever      *adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water
120. global temperature an\_\_\_\_\_y      *n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand
121. b\_y area      *n.* a part of the coast that is partially enclosed by land; a compartment or section of a ship or building
122. bu\_\_y packaging      *adj.* taking up much space or being difficult to move because of its size or weight; large and unwieldy

ANSWERS: 114. tap, 115. flirt, 116. dynamic, 117. demonstrate, 118. bay, 119. infectious, 120. anomaly, 121. bay, 122. bulky



123. cl\_\_\_\_al surgery *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
124. b\_\_e minimum *adj.* not covered or clothed; lacking embellishment or decoration; mere or basic; undisguised or open; empty or devoid of something
125. st\_\_\_\_e financially *v.* to miss a step and fall or nearly fall; to walk unsteadily
126. fl\_\_d assets *n.* a substance that can flow and is not solid
127. f\_\_p a coin *v.* to turn over into a different position quickly; to throw or toss with a light motion
128. pha\_\_\_\_ogy textbook *n.* the branch of medicine concerned with the study of drugs and their effects on the body, including their properties, uses, and interactions with other substances
129. fl\_\_t like a schoolgirl *v.* to talk or behave as if sexually attracted to someone, without serious intentions; (noun) a seductive woman who uses her sex appeal to exploit men
130. ch\_\_m against bad luck *n.* the power or quality of pleasing or fascinating people
131. hu\_\_\_\_nd as a species *n.* the whole of the living human inhabitants of the earth
132. ac\_\_\_\_ic properties of a hall *adj.* relating to sound or the sense of hearing

ANSWERS: 123. clinical, 124. bare, 125. stumble, 126. fluid, 127. flip, 128. pharmacology, 129. flirt, 130. charm, 131. humankind, 132. acoustic

133. bird wi\_\_\_\_at                    *n.* the motion or rhythm of a bird's wings while in flight, often used to describe the sound or frequency of the wing flaps
134. a ne\_\_\_\_ve number            *adj.* having the quality of something bad or harmful; expressing refusal
135. g-\_\_\_\_e acceleration           *n.* a force acting on a body as a result of acceleration or gravity expressed in units of acceleration equal to the acceleration of gravity
136. up\_\_\_\_d files                    *v.* to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files
137. ex\_\_\_\_e rebellion              *v.* to make someone feel suddenly enthusiastic or eager
138. b\_\_z marketing                  *v.* to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere
139. ca\_\_\_\_y filling                  *n.* an empty space or hollowness within a solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground
140. cry\_\_\_\_ne water                *adj.* resembling crystal in clarity, transparency, or brilliance; having a highly ordered and symmetrical molecular structure
141. el\_\_\_\_fy a manufacturing process   *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 133. wingbeat, 134. negative, 135. g-force, 136. upload, 137. excite, 138. buzz, 139. cavity, 140. crystalline, 141. electrify

142. c\_\_y animation *n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
143. ac\_\_\_\_ic guitar *adj.* relating to sound or the sense of hearing
144. soft c\_\_y ground *n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
145. the in\_\_\_\_\_on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
146. a wire g\_\_d *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
147. ma\_\_\_\_\_a mosquitoes *n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito
148. a pre\_\_\_\_\_on program *n.* the activity of getting ready for something or making something ready
149. do\_\_\_\_\_al program *adj.* of or relating to doctorate (= the highest degree from a university) or the achievement of a doctorate
150. prevent sch\_\_\_\_\_sis infection *n.* a parasitic disease caused by a type of flatworm (schistosome) that inhabits the blood vessels of certain organs, typically the intestines or urinary system, causing inflammation, pain, and other symptoms

ANSWERS: 142. clay, 143. acoustic, 144. clay, 145. invention, 146. grid, 147. malaria, 148. preparation, 149. doctoral, 150. schistosomiasis

151. mo\_\_t a counterattack      *v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
152. ca\_\_\_r diagnosis      *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
153. fire st\_\_k      *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
154. audio he\_\_z      *n.* the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic waves or electronic signals
155. in\_\_\_\_\_e a feeling of curiosity      *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
156. d\_\_n with faint praise      *v.* to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger
157. an\_\_\_c economy      *adj.* relating to or suffering from anemia, a condition marked by a deficiency of red blood cells or hemoglobin, resulting in lower-than-normal levels of oxygen in the body; lacking vitality, energy, or strength

ANSWERS: 151. mount, 152. cancer, 153. stick, 154. hertz, 155. inspire, 156. damn, 157. anemic

158. do\_\_\_\_al research *adj.* of or relating to doctorate (= the highest degree from a university) or the achievement of a doctorate
159. pr\_\_\_\_le outcome *adj.* likely to happen or likely to be true
160. employee da\_\_\_\_se *n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
161. de\_\_\_\_e mosquito *n.* a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash
162. 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.
163. l\_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
164. mat\_\_\_\_cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
165. gl\_\_\_\_r against her skin *v.* to shine with bright, sparkling light; to reflect light in a way that sparkles and shines
166. bitter ir\_\_y *n.* the expression of one's meaning by using language that usually signifies the opposite, typically for humorous or rhetorical effect
167. a convex l\_\_s *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

ANSWERS: 158. doctoral, 159. probable, 160. database, 161. dengue, 162. tap, 163. lab, 164. mathematics, 165. glitter, 166. irony, 167. lens

168. buy in b\_\_k *n.* the quantity or size of something that is very large; the main part of something
169. el\_\_\_\_\_fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
170. ti\_\_\_e with anticipation *v.* to cause a stinging or prickling sensation; (noun) a feeling of slight numbness or a slight prickling or stinging sensation, typically as a result of cold or excitement
171. ana\_\_\_\_\_al approach *adj.* relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze
172. af\_\_\_d to buy a new car *v.* to have enough money or time to be able to buy or do something
173. s\_\_n a top *v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
174. obs\_\_\_\_\_on instrument *n.* the act or activity of carefully examining or monitoring something or someone
175. as\_\_\_ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
176. mic\_\_\_\_\_ne cable *n.* a device that converts sound into an electrical signal used for recording sounds or making the voice louder
177. pa\_\_\_\_\_te disease *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

ANSWERS: 168. bulk, 169. electrify, 170. tingle, 171. analytical, 172. afford, 173. spin, 174. observation, 175. aspect, 176. microphone, 177. parasite

178. ma\_\_\_\_\_a-endemic area *n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito
179. co\_\_\_\_\_al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
180. 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
181. ro\_\_\_\_e about the origin *v.* to turn around a central point or axis; to move in a circular path around something
182. spread of f\_\_e news *adj.* not genuine; fraudulent or counterfeit
183. high fr\_\_\_\_\_cy *n.* an ordered array of colors into which a light beam can be split
184. h\_\_l wrestler *n.* the rounded back part of the foot below the ankle; someone who is morally reprehensible; (verb) to follow someone or something
185. gl\_\_\_\_\_r in her eyes *v.* to shine with bright, sparkling light; to reflect light in a way that sparkles and shines
186. d\_\_g a team down *v.* to pull or haul with force
187. mu\_\_\_\_\_ex telegraphy *n.* a cinema complex with several screens or theaters showing different films at the same time; an electronic device that allows several signals to be transmitted or processed simultaneously through a single channel; (adjective) relating to or consisting of multiple interconnected parts or elements

ANSWERS: 178. malaria, 179. communal, 180. discovery, 181. rotate, 182. fake, 183. frequency, 184. heel, 185. glitter, 186. drag, 187. multiplex

188. historical re\_\_c *n.* an object from a previous era, especially one of historical value
189. 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
190. awe-in\_\_\_\_\_ng sight *adj.* stimulating and motivating you to want to do something
191. tera-he\_\_z radiation *n.* the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic waves or electronic signals
192. de\_\_\_t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
193. ultra-high-speed cen\_\_\_\_\_ges *n.* a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids
194. st\_\_\_\_\_e through life *v.* to miss a step and fall or nearly fall; to walk unsteadily
195. tooth ca\_\_\_y *n.* an empty space or hollowness within a solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground

ANSWERS: 188. relic, 189. process, 190. inspiring, 191. hertz, 192. detect, 193. centrifuge, 194. stumble, 195. cavity



196. a good grounding in mat\_\_\_\_\_cs      *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
197. s\_\_n thread out of cotton      *v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
198. the ma\_\_\_\_\_m speed      *adj.* the largest or greatest amount or value attainable or attained
199. live a fr\_\_\_\_l lifestyle      *adj.* characterized by being sparing or economical about money or resources; avoiding waste or luxury
200. the pre\_\_\_\_\_on of meals      *n.* the activity of getting ready for something or making something ready
201. masculine ch\_\_m      *n.* the power or quality of pleasing or fascinating people
202. the pa\_\_\_\_\_en in the air      *n.* a bacterium, virus, or other microorganism that causes disease
203. t\_y store      *n.* a thing, typically a small model or replica of something that is played with, especially by children
204. pr\_\_k a balloon      *v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication
205. id\_\_\_\_\_fy handwriting      *v.* to recognize someone or something and say or prove who or what they are
206. mu\_\_\_\_\_ex DNA analysis      *n.* a cinema complex with several screens or theaters showing different films at the same time; an electronic device that allows several signals to be transmitted or processed simultaneously through a single channel; (adjective) relating to or consisting of multiple interconnected parts or elements

ANSWERS: 196. mathematics, 197. spin, 198. maximum, 199. frugal, 200. preparation, 201. charm, 202. pathogen, 203. toy, 204. prick, 205. identify, 206.

multiplex

207. j\_\_k mail *n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition
208. tw\_\_t around to the left *v.* to bend or turn something into a certain shape
209. person's smile is inf\_\_\_\_\_us *adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water
210. 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
211. b\_\_k data transfer *n.* the quantity or size of something that is very large; the main part of something
212. holy re\_\_cs *n.* an object from a previous era, especially one of historical value
213. da\_\_\_\_\_se administrator *n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
214. re\_\_\_\_\_nt with the sound *adj.* tending to reinforce or prolong sound by sympathetic vibration; having a quality that elicits a similar response or feeling
215. wh\_\_l around the dance floor *v.* to spin or turn rapidly; to move or be moved quickly in a circular manner; (noun) a spinning or rotating movement, often rapid or chaotic in nature
216. architectural pi\_\_\_\_\_le *n.* the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success

ANSWERS: 207. junk, 208. twist, 209. infectious, 210. thrill, 211. bulk, 212. relic, 213. database, 214. resonant, 215. whirl, 216. pinnacle

217. tw\_\_t a wet towel *v.* to bend or turn something into a certain shape
218. class obs\_\_\_\_\_on day *n.* the act or activity of carefully examining or monitoring something or someone
219. se\_\_\_\_\_te cream from milk *v.* to force, take, or pull apart; mark as different
220. d\_\_g a chair over *v.* to pull or haul with force
221. w\_\_k moisture *n.* a narrow strip of material, such as cotton or fiberglass, that is used to draw up oil, wax, or other fluid that is burned in a lamp, candle, or other flame-producing devices; (verb) to absorb or draw up liquid by capillary action
222. se\_\_\_d orders *adj.* closed or secured with
223. good source of essential amino a\_\_ds *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
224. bio\_\_\_\_\_ity conservation *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
225. pr\_\_k up her ears *v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication

ANSWERS: 217. twist, 218. observation, 219. separate, 220. drag, 221. wick, 222. sealed, 223. acid, 224. biodiversity, 225. prick

226. ent\_\_\_\_\_gy book *n.* the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment
227. f\_\_a infestation *n.* a small, agile, wingless, and parasitic insect that feeds on the blood of mammals and birds
228. to\_\_\_e settings *n.* a twisting or rotational force that tends to cause rotation around an axis; a measure of the force that can cause an object to rotate;
229. in\_\_\_\_\_ng stories *adj.* stimulating and motivating you to want to do something
230. ra\_\_o of boys to girls *n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
231. a dy\_\_\_\_\_c market *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
232. reached the pi\_\_\_\_\_le *n.* the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success
233. dem\_\_\_\_\_te mastery *v.* to display something or give an exhibition to an interested audience
234. 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

ANSWERS: 226. entomology, 227. flea, 228. torque, 229. inspiring, 230. ratio, 231. dynamic, 232. pinnacle, 233. demonstrate, 234. spinning

235. ca\_\_\_\_\_te the distance      *v.* to judge or find out the amount or number of something by using mathematics
236. effects of cl\_\_\_\_\_e change      *n.* the weather in a particular location averaged over some long period
237. su\_\_\_\_\_e beforehand      *v.* to think that something is likely to be actual or possible
238. ca\_\_\_\_r research      *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
239. pha\_\_\_\_\_ogy research      *n.* the branch of medicine concerned with the study of drugs and their effects on the body, including their properties, uses, and interactions with other substances
240. an\_\_\_\_c appearance      *adj.* relating to or suffering from anemia, a condition marked by a deficiency of red blood cells or hemoglobin, resulting in lower-than-normal levels of oxygen in the body; lacking vitality, energy, or strength
241. di\_\_\_\_\_e prevention      *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
242. ca\_\_\_\_\_ry action      *n.* a tube of small internal diameter; any of the minute tubes that carry blood
243. surgical la\_\_\_\_t      *n.* a sharp, pointed surgical instrument used for making incisions or punctures, typically in medical procedures

ANSWERS: 235. calculate, 236. climate, 237. suppose, 238. cancer, 239. pharmacology, 240. anemic, 241. disease, 242. capillary, 243. lancet

244. su\_\_\_\_\_de an old method  
*v.* to replace or be replaced by something else, particularly something newer, better, or more effective; to supplant or take over the place or function of another
245. ana\_\_\_\_\_al ability  
*adj.* relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze
246. cen\_\_\_\_\_ge tube  
*n.* a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids
247. fr\_\_\_\_\_cy band  
*n.* an ordered array of colors into which a light beam can be split
248. ch\_\_e a dream  
*v.* to pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes
249. im\_\_\_\_\_ry number  
*adj.* existing only in someone's mind
250. an a\_\_d reaction  
*n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

ANSWERS: 244. supersede, 245. analytical, 246. centrifuge, 247. frequency, 248. chase, 249. imaginary, 250. acid

251. a dental cl\_\_\_c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
252. IT inf\_\_\_\_\_ure *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
253. id\_\_\_\_\_fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
254. af\_\_\_d a high travel cost *v.* to have enough money or time to be able to buy or do something
255. la\_\_a of a butterfly *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
256. an\_\_\_\_\_y of a country's collapse *n.* the scientific study that deals with the physical structure of humans, animals, or plants
257. de\_\_\_t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
258. b\_\_e essentials *adj.* not covered or clothed; lacking embellishment or decoration; mere or basic; undisguised or open; empty or devoid of something
259. re\_\_\_\_\_nt cavity *adj.* tending to reinforce or prolong sound by sympathetic vibration; having a quality that elicits a similar response or feeling

ANSWERS: 251. clinic, 252. infrastructure, 253. identify, 254. afford, 255. larva, 256. anatomy, 257. detect, 258. bare, 259. resonant



260. electron mic\_\_\_\_\_pe *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
261. cotton w\_\_k *n.* a narrow strip of material, such as cotton or fiberglass, that is used to draw up oil, wax, or other fluid that is burned in a lamp, candle, or other flame-producing devices; (verb) to absorb or draw up liquid by capillary action
262. have a ne\_\_\_\_\_ve effect *adj.* having the quality of something bad or harmful; expressing refusal
263. sch\_\_\_\_\_sis outbreak *n.* a parasitic disease caused by a type of flatworm (schistosome) that inhabits the blood vessels of certain organs, typically the intestines or urinary system, causing inflammation, pain, and other symptoms
264. pr\_\_\_\_\_le cause of a fire *adj.* likely to happen or likely to be true
265. the nu\_\_\_\_\_s of a team *n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom
266. 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

ANSWERS: 260. microscope, 261. wick, 262. negative, 263. schistosomiasis, 264. probable, 265. nucleus, 266. stick

267. ha\_\_\_ed the incident *v.* to deal with a situation, problem, or strong emotion
268. 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
269. im\_\_\_\_\_nt a corporate strategy *v.* to put a decision, plan, or system into effect
270. abs\_\_\_\_\_ly obsessed with the girl *adv.* without restriction or limitation; completely or utterly
271. d\_\_n the consequences *v.* to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger
272. phe\_\_\_\_\_al growth *adj.* extremely good or impressive; outstanding
273. high vo\_\_\_e *n.* the amount of space occupied by an object or substance; the magnitude of sound
274. principles of un\_\_\_\_\_al design *adj.* existing or affecting everywhere or everyone

ANSWERS: 267. handle, 268. discovery, 269. implement, 270. absolutely, 271. damn, 272. phenomenal, 273. volume, 274. universal

## Session 3: Fill in the Blanks

1. He \_\_\_\_\_ pieces of rope out of straw.  
*v.* to bend or turn something into a certain shape
  
2. The laboratory technician placed the blood samples in the \_\_\_\_\_ to separate the different components.  
*n.* a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids
  
3. He \_\_\_\_\_ the letter with hot wax.  
*v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed
  
4. \_\_\_\_\_ and weather have an impact on every part of our lifestyles.  
*n.* the weather in a particular location averaged over some long period
  
5. The \_\_\_\_\_ frequency of the guitar string was measured with a tuner.  
*adj.* tending to reinforce or prolong sound by sympathetic vibration; having a quality that elicits a similar response or feeling
  
6. Untreated \_\_\_\_\_ can lead to chronic health problems, including liver damage and an increased risk of bladder cancer.  
*n.* a parasitic disease caused by a type of flatworm (schistosome) that inhabits the blood vessels of certain organs, typically the intestines or urinary system, causing inflammation, pain, and other symptoms
  
7. He studied the \_\_\_\_\_ of radiation.  
*n.* the science of matter and energy and their interactions

ANSWERS: 1. twisted, 2. centrifuge, 3. sealed, 4. Climate, 5. resonant, 6. schistosomiasis, 7. physics

8. This device is used to \_\_\_\_\_ brain cancer and other tumors.  
*v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
9. The \_\_\_\_\_ virus is transmitted to humans by mosquitoes.  
*n.* a viral infection carried by mosquitoes that causes fever and severe joint pain, often accompanied by a rash, headache, muscle pain, and fatigue
10. Climbing to the \_\_\_\_\_ of the mountain is a challenge that many outdoor enthusiasts strive to achieve.  
*n.* the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success
11. He \_\_\_\_\_ the heavy suitcase behind him as he walked.  
*v.* to pull or haul with force
12. She wore a \_\_\_\_\_ of pearls around her neck.  
*n.* long, thin material used for tying things together, composed of several twisted threads
13. The movie has received almost universally \_\_\_\_\_ criticism.  
*adj.* having the quality of something bad or harmful; expressing refusal
14. The animal rights group worked to \_\_\_\_\_ the dolphins back into the wild.  
*v.* to set free or allow to escape from confinement
15. We need to \_\_\_\_\_ the aspect of his personality from the part of his competence when making an investment decision.  
*v.* to force, take, or pull apart; mark as different

ANSWERS: 8. diagnose, 9. chikungunya, 10. pinnacle, 11. dragged, 12. string, 13. negative, 14. release, 15. separate

16. The country was instrumental in promoting the \_\_\_\_\_ treaty.
- n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
17. Tapeworms are \_\_\_\_\_ that live in the intestines of humans and animals.
- n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
18. He is \_\_\_\_\_ and can break down complex problems into manageable parts.
- adj.* relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze
19. The athlete's \_\_\_\_\_ performance broke all previous records.
- adj.* extremely good or impressive; outstanding
20. The room was only one \_\_\_\_\_ wider than the piano, making it a tight fit.
- n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
21. The company's poor financial performance is likely to \_\_\_\_\_ the CEO's chances of being re-elected to the board.
- v.* to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger
22. The doctor diagnosed him with a rare \_\_\_\_\_ that had no known cure.
- n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
23. The sculptor carefully molded the \_\_\_\_\_ into the desired shape.
- n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics

ANSWERS: 16. biodiversity, 17. parasites, 18. analytical, 19. phenomenal, 20. centimeter, 21. damn, 22. disease, 23. clay

24. The sudden drop in the stock market was an \_\_\_\_\_ that puzzled many investors.
- n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand
25. I heard the \_\_\_\_\_ of conversation from the next room.
- v.* to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere
26. She received special \_\_\_\_\_ training at the hospital.
- adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
27. The museum offered a guided tour of its \_\_\_\_\_ exhibit featuring various insects.
- n.* the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment
28. The product developed through years of research continues to \_\_\_\_\_ the market.
- v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
29. They \_\_\_\_\_ pictures on the paper in preparation for the birthday card.
- v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
30. He helped me with the \_\_\_\_\_ of this book.
- n.* the activity of getting ready for something or making something ready

ANSWERS: 24. anomaly, 25. buzz, 26. clinical, 27. entomology, 28. electrify, 29. mounted, 30. preparation

31. The \_\_\_\_\_ disease caused a severe outbreak in the city.
- n.* a small, agile, wingless, and parasitic insect that feeds on the blood of mammals and birds
32. She jumped when the harsh \_\_\_\_\_ noise indicated her laundry was done.
- n.* a device that produces a rapid, high-pitched sound or noise, often used to signal something or draw attention to something
33. Breast \_\_\_\_\_ is the most common type of cancer in women.
- n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
34. The hummingbird's rapid \_\_\_\_\_ allows it to hover in place while collecting nectar from flowers.
- n.* the motion or rhythm of a bird's wings while in flight, often used to describe the sound or frequency of the wing flaps
35. He has a flair for \_\_\_\_\_.
- n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
36. She wore a simple dress with a \_\_\_\_\_ neckline
- adj.* not covered or clothed; lacking embellishment or decoration; mere or basic; undisguised or open; empty or devoid of something
37. 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

ANSWERS: 31. flea-borne, 32. buzzer, 33. cancer, 34. wingbeat, 35. mathematics, 36. bare, 37. discovery

38. This bronze sword is a \_\_\_\_\_ of ancient times.

*n.* an object from a previous era, especially one of historical value

39. She must undergo a \_\_\_\_\_ screening to check for abnormalities in her reproductive system.

*adj.* relating to the neck or the cervix (= the narrow passage forming the lower end of the uterus)

40. I am \_\_\_\_\_ opposed to his idea because of morality.

*adv.* without restriction or limitation; completely or utterly

41. What do you \_\_\_\_\_ the culprit's motive was?

*v.* to think that something is likely to be actual or possible

42. mRNA vaccines are approved faster because they do not contain inactivated \_\_\_\_\_.

*n.* a bacterium, virus, or other microorganism that causes disease

43. She is pursuing a \_\_\_\_\_ degree in psychology to become a licensed therapist.

*adj.* of or relating to doctorate (= the highest degree from a university) or the achievement of a doctorate

44. I will work hard to \_\_\_\_\_ my goals and realize my dreams.

*v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

45. Blood \_\_\_\_\_ makes up about half of the volume of blood.

*n.* (biology) the yellow-colored liquid component of blood, in which blood cells are suspended; (physics) one of the four fundamental states of matter consisting of positive ions and free electrons

ANSWERS: 38. relic, 39. cervical, 40. absolutely, 41. suppose, 42. pathogens, 43. doctoral, 44. achieve, 45. plasma



46. I need to clear out some of the \_\_\_\_\_ in my garage.
- n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition
47. My husband never \_\_\_\_\_ with other women.
- v.* to talk or behave as if sexually attracted to someone, without serious intentions; (noun) a seductive woman who uses her sex appeal to exploit men
48. Her dress \_\_\_\_\_ in the sunlight as she walked down the street.
- v.* to shine with bright, sparkling light; to reflect light in a way that sparkles and shines
49. DNA is stored in the \_\_\_\_\_ of a cell.
- n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom
50. The sprinter has a \_\_\_\_\_ way of running.
- adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
51. In the hospital, she will remain under constant \_\_\_\_\_.
- n.* the act or activity of carefully examining or monitoring something or someone
52. The astronauts experienced high \_\_\_\_\_ during takeoff.
- n.* a force acting on a body as a result of acceleration or gravity expressed in units of acceleration equal to the acceleration of gravity

ANSWERS: 46. junk, 47. flirts, 48. glittered, 49. nucleus, 50. dynamic, 51. observation, 52. g-forces

53. We bought a Spanish \_\_\_\_\_ book.

*n.* a group of words that mean something specific when used together

54. He was \_\_\_\_ with joy to see the results.

*adj.* insane, especially due to a mental illness; very angry

55. The photographer took this photo using a telephoto \_\_\_\_\_.

*n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

56. Infant formulas are nutritionally almost \_\_\_\_\_ to a mother's breast milk.

*adj.* being the exact same one

57. The \_\_\_\_\_ temperature recorded this summer was higher than average.

*adj.* the largest or greatest amount or value attainable or attained

58. On the geological time scale, \_\_\_\_\_ has existed for a brief moment.

*n.* the whole of the living human inhabitants of the earth

59. The doctor used a \_\_\_\_\_ for a small incision on the patient's skin.

*n.* a sharp, pointed surgical instrument used for making incisions or punctures, typically in medical procedures

60. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_\_.

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

61. Little children tend to have \_\_\_\_\_ friends.

*adj.* existing only in someone's mind

ANSWERS: 53. phrase, 54. mad, 55. lens, 56. identical, 57. maximum, 58. humankind, 59. lancet, 60. lab, 61. imaginary

62. Leprosy is an indolent \_\_\_\_\_ disease.

*adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water

63. The security camera has \_\_\_\_\_ four intruders.

*v.* to find or recognize something, especially something difficult to see, hear, etc.

64. A stagnant water area are breeding ground for \_\_\_\_\_.

*n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

65. 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

66. The oscillator hunts for the correct \_\_\_\_\_.

*n.* an ordered array of colors into which a light beam can be split

67. The \_\_\_\_\_ of the situation is that he won the lottery on the day he lost his job.

*n.* the expression of one's meaning by using language that usually signifies the opposite, typically for humorous or rhetorical effect

68. I used an optical \_\_\_\_\_ to observe the small organisms in the water sample.

*n.* an instrument used to see objects or substances that are too small to be seen with the naked eye

69. The leaves began to \_\_\_\_\_ around in the windy weather.

*v.* to spin or turn rapidly; to move or be moved quickly in a circular manner; (noun) a spinning or rotating movement, often rapid or chaotic in nature

ANSWERS: 62. infectious, 63. detected, 64. mosquitos, 65. stick, 66. frequency, 67. irony, 68. microscope, 69. whirl

70. The news of her promotion \_\_\_\_\_ her.

- v. to make someone feel suddenly enthusiastic or eager

71. He cannot \_\_\_\_\_ a holiday.

- v. to have enough money or time to be able to buy or do something

72. My nerves began to \_\_\_\_\_ before the show started.

- v. to cause a stinging or prickling sensation; (noun) a feeling of slight numbness or a slight prickling or stinging sensation, typically as a result of cold or excitement

73. He accidentally \_\_\_\_\_ his finger with the needle.

- v. to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication

74. The computer's hard \_\_\_\_\_ was full, so she had to delete some files.

- n. a flat, circular plate, typically made of metal, glass, or plastic, used for storing data or playing music

75. The police officer \_\_\_\_\_ the suspect through the crowded streets until they finally caught him.

- v. to pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes

76. We all should learn how to \_\_\_\_\_ stress.

- v. to deal with a situation, problem, or strong emotion

77. The professor explained the \_\_\_\_\_ of the nervous system.

- n. the scientific study that deals with the physical structure of humans, animals, or plants

ANSWERS: 70. excited, 71. afford, 72. tingle, 73. pricked, 74. disk, 75. chased, 76. handle, 77. anatomy

78. The geologist found a beautiful specimen of a \_\_\_\_\_ mineral.

*adj.* resembling crystal in clarity, transparency, or brilliance; having a highly ordered and symmetrical molecular structure

79. Each country's officials can access the central \_\_\_\_\_.

*n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily

80. 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

81. My grandparents were always \_\_\_\_\_ with their money, even when they had plenty of it.

*adj.* characterized by being sparing or economical about money or resources; avoiding waste or luxury

82. The Earth \_\_\_\_\_ on its axis once every 24 hours.

*v.* to turn around a central point or axis; to move in a circular path around something

83. How can you \_\_\_\_\_ that the earth is a sphere?

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

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

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

85. There are many \_\_\_\_\_ vessels in the gills of fish.

*n.* a tube of small internal diameter; any of the minute tubes that carry blood

ANSWERS: 78. crystalline, 79. database, 80. spinning, 81. frugal, 82. rotates, 83. demonstrate, 84. volume, 85. capillary

86. 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
87. Many studies have investigated the relationship between \_\_\_\_\_ and academic achievement.
- n.* the condition of being extremely poor
88. The interviewer asked him to speak into the \_\_\_\_\_.
- n.* a device that converts sound into an electrical signal used for recording sounds or making the voice louder
89. Necessity is the mother of \_\_\_\_\_.
- n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
90. The candle's \_\_\_\_\_ burned, signaling it was time to extinguish it.
- n.* a narrow strip of material, such as cotton or fiberglass, that is used to draw up oil, wax, or other fluid that is burned in a lamp, candle, or other flame-producing devices; (verb) to absorb or draw up liquid by capillary action
91. He \_\_\_\_\_ when he heard that he had been accepted into the university.
- v.* to turn over into a different position quickly; to throw or toss with a light motion
92. The \_\_\_\_\_ furniture made it difficult to move around the small room.
- adj.* taking up much space or being difficult to move because of its size or weight; large and unwieldy

ANSWERS: 86. process, 87. poverty, 88. microphone, 89. invention, 90. wick, 91. flipped, 92. bulky

93. The \_\_\_\_\_ of water to sugar in the recipe is 1:2.  
*n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
94. We packed and shipped the product in \_\_\_\_\_ containers.  
*adj.* closed or secured with
95. These are significantly more exquisite than typical \_\_\_\_\_ bracelets.  
*n.* the power or quality of pleasing or fascinating people
96. Medical professionals must stay up-to-date with the latest developments in \_\_\_\_\_ to ensure optimal patient care.  
*n.* the branch of medicine concerned with the study of drugs and their effects on the body, including their properties, uses, and interactions with other substances
97. During pregnancy, the stomach generates less \_\_\_\_\_ than usual.  
*n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
98. She holds a \_\_\_\_\_ on Tuesday mornings.  
*n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
99. The mechanic used a \_\_\_\_\_ wrench to tighten the bolts on the car engine.  
*n.* a twisting or rotational force that tends to cause rotation around an axis; a measure of the force that can cause an object to rotate;
100. She walked along the \_\_\_\_\_ and collected shells.  
*n.* a part of the coast that is partially enclosed by land; a compartment or section of a ship or building

ANSWERS: 93. ratio, 94. sealed, 95. charm, 96. pharmacology, 97. acid, 98. clinic, 99. torque, 100. bay

101. Eventually, the new design will \_\_\_\_\_ all older models.  
*v.* to take the place of something
102. The tornado is \_\_\_\_\_ across the countryside, destroying everything in its path.  
*v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
103. In this class, you will learn how to solve quadratic \_\_\_\_\_.  
*n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
104. The walls were \_\_\_\_\_ to create a private outdoor space.  
*v.* to surround, as with a fence, wall, or barrier; to put within boundaries; to include
105. His professional experience includes all \_\_\_\_\_ of media production.  
*n.* one part or feature of a situation, problem, subject, etc.
106. Aging societies tend to require huge costs for \_\_\_\_\_ maintenance.  
*n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
107. Mercury is the closest \_\_\_\_\_ to the sun.  
*n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
108. I received a parcel of great \_\_\_\_\_.  
*n.* the quantity or size of something that is very large; the main part of something

ANSWERS: 101. replace, 102. spinning, 103. equations, 104. enclosed, 105. aspects, 106. infrastructure, 107. planet, 108. bulk



109. The new \_\_\_\_\_ cinema has 12 screens showing the latest movies.  
*n.* a cinema complex with several screens or theaters showing different films at the same time; an electronic device that allows several signals to be transmitted or processed simultaneously through a single channel; (adjective) relating to or consisting of multiple interconnected parts or elements
110. The company's website had \_\_\_\_\_ traffic, with very few visitors each month.  
*adj.* relating to or suffering from anemia, a condition marked by a deficiency of red blood cells or hemoglobin, resulting in lower-than-normal levels of oxygen in the body; lacking vitality, energy, or strength
111. The butterfly emerged from its \_\_\_\_\_ stage.  
*n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
112. \_\_\_\_\_ elections were held in several European countries.  
*adj.* belonging to or used by a group rather than individuals; for common use
113. He couldn't \_\_\_\_\_ the actual value of the artwork.  
*v.* to judge or find out the amount or number of something by using mathematics
114. She was diagnosed with a \_\_\_\_\_ buildup in her lungs.  
*n.* a substance that can flow and is not solid
115. An \_\_\_\_\_ teacher might spark students' motivation to succeed.  
*adj.* stimulating and motivating you to want to do something
116. The picture earned near-\_\_\_\_\_ acclaim from critics.  
*adj.* existing or affecting everywhere or everyone

ANSWERS: 109. multiplex, 110. anemic, 111. larva, 112. Communal, 113. calculate, 114. fluid, 115. inspiring, 116. universal

117. 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

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

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

119. He gave his daughter a new \_\_\_\_ for her birthday.

*n.* a thing, typically a small model or replica of something that is played with, especially by children

120. Many people in tropical countries die from \_\_\_\_\_ every year.

*n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito

121. I need to \_\_\_\_\_ these pictures to my computer to edit them.

*v.* to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files

122. I have a \_\_\_\_\_ in one of my molars and must schedule a dentist appointment.

*n.* an empty space or hollowness within a solid object, especially within the body, such as a tooth or bone; a hole or depression in a surface or the ground

123. The government promised to \_\_\_\_\_ a new system to control the financial crisis.

*v.* to put a decision, plan, or system into effect

124. \_\_\_\_\_ pattern roads often appear in urban areas.

*n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

ANSWERS: 117. component, 118. probable, 119. toy, 120. malaria, 121. upload, 122. cavity, 123. implement, 124. Grid

125. I will introduce you to how to \_\_\_\_\_ the leading causes of the malfunction.  
*v.* to recognize someone or something and say or prove who or what they are
126. 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
127. The human ear can detect sounds with frequencies ranging from 20 to 20,000 \_\_\_\_\_.  
*n.* the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic waves or electronic signals
128. She wore high \_\_\_\_\_ to the party.  
*n.* the rounded back part of the foot below the ankle; someone who is morally reprehensible; (verb) to follow someone or something
129. Many people in this region have contracted \_\_\_\_\_ fever from mosquito bites.  
*n.* a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash
130. It's important to understand the \_\_\_\_\_ of a situation before making a decision.  
*n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
131. The new technology will \_\_\_\_\_ the old one in no time.  
*v.* to replace or be replaced by something else, particularly something newer, better, or more effective; to supplant or take over the place or function of another
132. The prime minister was not well prepared for the debate and \_\_\_\_\_ it  
*adj.* not genuine; fraudulent or counterfeit

ANSWERS: 125. identify, 126. inspired, 127. hertz, 128. heels, 129. dengue, 130. context, 131. supersede, 132. faked

133. He is familiar with \_\_\_\_\_ and biology.

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

134. 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.

135. The ground acts as an \_\_\_\_\_ barrier against outside sounds.

- adj.* relating to sound or the sense of hearing

136. She \_\_\_\_\_ over the tree root.

- v.* to miss a step and fall or nearly fall; to walk unsteadily

137. 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

ANSWERS: 133. chemistry, 134. tap, 135. acoustic, 136. stumbled, 137. thrill