

# Englist.me



## Vocabulary Builder Reference from...

*Eben Bayer: Are mushrooms the new plastic? | TED Talk*

[https://www.ted.com/talks/eben\\_bayer\\_are\\_mushrooms\\_the\\_new\\_plastic](https://www.ted.com/talks/eben_bayer_are_mushrooms_the_new_plastic)

### All Words

#### IMPORTANT

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## Session 1: Word List

- folk** *n.* people in general, especially those of a particular group or type  
*synonym*: community, family, person  
(1) **folk** art, (2) the **folk** songs of a particular district  
Some seaweed was used as **folk** medicine in ancient times.
- 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.
- synthetic** *adj.* made by combining chemical substances as opposed to being naturally occurring  
*synonym*: artificial, manufactured, fabricated  
(1) **synthetic** fiber, (2) **synthetic** fertilizer  
**Synthetic** diamonds play an essential role as machine tool blades.
- dispose** *v.* to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away

*synonym* : get rid of, arrange, set

(1) **dispose** battleships for a battle, (2) **dispose** of a used product

Generally speaking, the child is innately **disposed** to learn a language.

## poisonous

*adj.* containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction

*synonym* : toxic, venomous, deadly

(1) **poisonous** plants, (2) **poisonous** chemicals

Some species of **poisonous snakes** can be deadly to humans if bitten.

## mushroom

*n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap

*synonym* : fungus, toadstool

(1) **mushroom** spores, (2) **mushroom** cultivation

The **mushroom** risotto was delicious, but I couldn't identify all the mushrooms in it.

## entirely

*adv.* completely

*synonym* : completely, fully, totally

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

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

## crop

*n.* a plant that is cultivated in large amounts, particularly for food

*synonym* : output, produce, product

(1) **crop** field, (2) **crop** herbicide

Sow early for an early **crop**.

## compost

*n.* a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil

*synonym* : fertilizer, humus, manure

(1) organic **compost**, (2) **compost** pile

You can add coffee grounds and crushed eggshells to your **compost** to improve the pH balance.

## egregious

*adj.* outstandingly bad or shocking; conspicuously or outrageously bad or reprehensible

*synonym* : atrocious, flagrant, heinous

(1) **egregious** claim, (2) an **egregious** error

It was an **egregious** mistake and caused significant harm to the company's reputation.

## offend

*v.* to cause someone to feel upset, angry, or annoyed

*synonym* : insult, hurt, anger

(1) **offend** his sensibilities, (2) **offend** a customer

His rude comments **offended** many people at the party.

## disposable

*adj.* designed to be used once and then thrown away

*synonym* : throwaway, single-use, expendable

(1) total **disposable** income, (2) **disposable** camera

I prefer using **disposable** razors because they are more convenient.

## toxic

*adj.* of or relating to or caused by a poison; poisonous

*synonym* : poisonous, harmful, contaminated

(1) **toxic** molecule, (2) exposure to **toxic** chemicals

This chemical compound is a thousand-fold more **toxic**.

## cubic

*adj.* having the shape of a cube or being of three dimensions; measured in units that are the third power of a linear unit

*synonym* : three-dimensional, boxlike, cubical

(1) **cubic** meter, (2) **cubic** structure

The package was a **cubic** shape, which made it easier to stack on the shelf.

## petrol

*n.* a flammable liquid made from petroleum that is used as a fuel in internal combustion engines, commonly known as gasoline in North America

*synonym* : gasoline, fuel, gas

(1) **petrol** station, (2) **petrol** engine

I must fill my car with **petrol** before going on a long road trip.

## trash

*n.* discarded material, refuse, or waste

*synonym* : garbage, waste, refuse

(1) **trash** bin, (2) **trash** disposal site

The city is taking measures to reduce the amount of **trash** in the streets.

## packaging

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

*synonym* : wrapping, packing, boxing

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

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

## doll

*n.* a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive

*synonym* : puppet, dolly, toy

(1) plastic **doll**, (2) rag **doll**

The antique **doll** was worth thousands of dollars.

## estimate

*v.* to guess or calculate the cost, size, value, etc. of something

*synonym* : calculate, gauge, evaluate

(1) **estimate** a fair value, (2) **estimate** this chicken to weigh three pounds

We **estimated** the season's total trade deficit at \$50 billion.

## statistics

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

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

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

## 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.

## occupy

*v.* to consume all of someone's space, attention, or time

*synonym*: inhabit, settle, populate

(1) **occupy** his time, (2) **occupy** a position

The young prince will soon **occupy** the throne.

## landfill

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

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

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

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

## environment

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

*synonym*: atmosphere, surroundings, climate

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

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

## gyre

*n.* a circular or spiral motion, particularly a vortex or large-scale system of rotating ocean currents

*synonym*: spiral, vortex, whirl

(1) **gyre** movement, (2) subtropical **gyre**

The trash caught in the **gyre** in the ocean, forming a massive garbage patch.

## mechanical

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

*synonym* : machinelike, automated, automatic

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

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

## biology

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

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

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

## compatible

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

*synonym* : harmonious, congruent, consistent

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

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

## foul

*adj.* extremely unpleasant, dirty, or smelling bad

*synonym* : nasty, loathsome, illegal

(1) **foul** day, (2) **foul** language

It was **foul** of him to betray his friend.

## respiratory

*adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air

*synonym* : breathing, pulmonary, lung

(1) **respiratory** failure, (2) alleviate **respiratory** ailments

Chronic **respiratory** disorders, such as asthma, can significantly impact a person's quality of life.

## circulatory

*adj.* relating to the system that moves blood through the body, which includes the heart, arteries, and veins

*synonym* : circulative, rotating

(1) a **circulatory** disease, (2) cause **circulatory** failure shock

The **circulatory** system of the animal is also responsible for heat transportation.

## prolific

*adj.* producing many works, results, or offspring

*synonym*: productive, fertile, abundant

(1) **prolific** apple tree, (2) **prolific** period

The **prolific** author had written over 20 books in just five years.

## styrene

*n.* a colorless, flammable liquid used in the production of resins, plastics, and synthetic rubber, which has a distinctive sweet smell and is commonly found in products like foam insulation or disposable cups

(1) **styrene** monomer, (2) **styrene** production

The **styrene** foam was used as insulation to keep the house warm.

## benzene

*n.* a colorless, flammable liquid hydrocarbon compound with a distinctive sweet odor; commonly used as an industrial solvent and as a starting material for the production of various chemicals

*synonym*: benzol, phenyl hydride

(1) **benzene** ring, (2) **benzene** molecule

Exposure to high levels of **benzene** can lead to several health issues.

## carcinogenic

*adj.* capable of causing cancer or promoting tumor growth; cancer-causing

*synonym*: cancer-causing, cancerous, malignant

(1) **carcinogenic** chemicals, (2) **carcinogenic** air pollution

Long-term exposure to **carcinogenic** materials can result in serious health problems.

## principle

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

*synonym*: rule, creed, code

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

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

## feedstock

*n.* the raw material or substances that are used to make a product, particularly in industrial or manufacturing processes

*synonym*: raw material, input, supply

(1) **feedstock** supply, (2) **feedstock** procurement

Corn is a common **feedstock** for ethanol production.

## petroleum

*n.* a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel

*synonym*: oil, crude oil, fossil fuel

(1) liquefied **petroleum** gas, (2) crude **petroleum**

The country's economy relies heavily on its **petroleum** industry.

## recognize

*v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

*synonym*: acknowledge, identify, admit

(1) **recognize** talent, (2) **recognize** achievement

It's important to **recognize** your strengths and weaknesses.

## finite

*adj.* having a limit or restriction of size, time, etc.

*synonym*: delimited, defined, limited

(1) **finite** resources, (2) **finite** decimal

Human beings have a **finite** lifespan, so we yearn for the idea of immortality.

## crazy

*adj.* stupid or not sensible; very angry

*synonym*: insane, absurd, bizarre

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

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



## strive

*v.* to try very hard to do, achieve, or obtain something  
*synonym* : preserve, endure, persist

(1) **strive** hard to get, (2) **strive** for excellence

They **strived** to make their dream come true.

## quarter

*n.* one of four equal parts; a fourth part or portion  
*synonym* : fourth, one-fourth

(1) a **quarter** mile, (2) end of the first **quarter**

The unemployment rate in the first **quarter** was 2.3 percentage points higher than in the previous.

## recycle

*v.* to sort and collect things to process them and produce valuable materials that can be used again

*synonym* : reclaim, reuse, reprocess

(1) **recycle** the cardboard boxes, (2) **recycle** milk packaging into new paper

We largely **recycle** the circuit board of cell phones because they contain a lot of valuable metals.

## 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.

## solar

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

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

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

## collector

*n.* a person who collects or gathers objects as a hobby or for personal interest; someone who accumulates or acquires a specific type of item

*synonym* : gatherer, curator, aggregator

(1) art **collector**, (2) coin **collector**

My grandfather is an avid stamp **collector**, and he has a collection of rare stamps from all over the world.

## amazing

*adj.* extremely surprising, especially in a way that you like or admire

*synonym* : exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

## molecular

*adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

*synonym* : microscopic, atomic

(1) **molecular** structure, (2) **molecular** biology

**Molecular** weight is the sum of all the atoms.

## photon

*n.* a unit or quantum of electromagnetic energy, typically regarded as a particle that is the basic constituent of all light and other forms of electromagnetic radiation

*synonym* : particle, quantum, light

(1) **photon** emission, (2) **photon** energy

Infrared cameras detect **photons** in the infrared range of the electromagnetic spectrum.

## capture

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

*synonym* : catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts

I was able to **capture** the moment on film.

## device

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

*synonym* : gadget, instrument, tool

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

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

## **melt**

*v.* to turn from something solid into something soft or liquid as a result of heating

*synonym*: disintegrate, soften, disappear

(1) **melt** the ice, (2) **melt** down gold

Her resistance **melted** under his persuasion.

## **distance**

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

*synonym*: space, gap, span

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

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

## **cycle**

*n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

*synonym*: revolution, rotation, bike

(1) the **cycle** of the seasons, (2) go to the workplace by **cycle**

The food chain causes a material **cycle**.

## **topsoil**

*n.* the upper layer of soil that contains most of the nutrients and organic matter and is important for plant growth and cultivation; a shallow, loose layer of soil that can be easily removed or displaced by wind, water, or other factors

*synonym*: top layer, surface soil, humus

(1) **topsoil** erosion, (2) nutrient-rich **topsoil**

The farmer trucked in some fresh **topsoil** to improve the fertility of his fields.

## **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**.

## 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.

## analogous

*adj.* similar or equivalent in some respects, typically as a result of functioning in a similar way

*synonym* : similar, comparable, equivalent

(1) **analogous** fashion, (2) entirely **analogous**

The human heart is **analogous** to a pump in a plumbing system.

## structure

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

*synonym* : construction, architecture, establishment

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

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

## mycelium

*n.* the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae

(1) **mycelium** growth, (2) aerial **mycelium**

The **mycelium** of the mushroom spread through the soil, absorbing nutrients.

## conventional

*adj.* based on or following traditional rules, standards, customs, etc.

*synonym*: ancestral, customary, established

(1) a **conventional** style, (2) get a **conventional** loan  
She is very **conventional** in her thoughts.

## assemble

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

*synonym*: gather, congregate, collect

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

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

## seed

*n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant

*synonym*: germ, kernel, ovule

(1) a **seed** coat, (2) **seed** money

He planted the **seed** in the soil and waited for it to sprout.

## husk

*n.* the dry, outer covering of a seed, grain, or fruit, such as the shell of a nut or the skin of a corn kernel

*synonym*: shell, covering, outer layer

(1) **husk** removal, (2) seed **husk**

The **husk** of the coconut was removed to reveal the fruit inside.

## biomass

*n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms

(1) **biomass** energy, (2) fuel **biomass**

The **biomass** in a forest can be measured by collecting and weighing all living plants within a specific area.

## transform

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

*synonym*: alter, convert, change

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

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

## chitin

*n.* a tough, protective polysaccharide compound that forms the exoskeleton of arthropods and the cell walls of some fungi

*synonym* : exoskeleton material, insect shell

(1) **chitin** structure, (2) **chitin** synthesis

The lobster's **chitin-based** shell turns red when cooked due to heat-induced chemical changes.

## polymer

*n.* a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules

(1) **polymer** fiber, (2) biological **polymer**

We are developing plant-derived **polymers** to reduce environmental impact.

## glue

*n.* a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials

*synonym* : adhesive, paste, gum

(1) **glue** stick, (2) epoxy **glue**

The carpenter applied **glue** to the cabinet joints before nailing them together.

## mold

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

*synonym* : cavity, cast, mildew

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

Mushrooms and **mold** are fungi.

## industrious

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

*synonym* : diligent, hardworking, assiduous

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

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

## insulate

*v.* to protect something by interposing material that prevents heat, noise, electricity, etc.

*synonym* : isolate, protect, seclude

(1) **insulate** the room from sound, (2) **insulate** electricity

We had our bedroom **insulated** before winter came.

## resistant

*adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

*synonym* : unsusceptible, immune, invulnerable

(1) penicillin- **resistant** bacteria, (2) **resistant** to persuasion

Insects in urban areas are becoming **resistant** to insecticides.

## moisture

*n.* small amounts of liquid, especially water, that are present in or absorbed by a substance

*synonym* : dampness, humidity, wetness

(1) **moisture** level, (2) lot of **moisture**

My hair looks greasy because there is too much **moisture** in the air.

## vapor

*n.* a mass of tiny liquid drops in the air

*synonym* : condensation, dew, fog

(1) alcohol **vapor**, (2) water **vapor** in the atmosphere

Clouds form when water **vapor** rises to the upper atmosphere.

## absorb

*v.* to take in a fluid or other substance gradually

*synonym* : consume, soak, ingest

(1) **absorb** energy, (2) **absorb** a shock

The sponge **absorbs** water well.

## acoustics

*n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound

(1) specialize in **acoustics**, (2) the engineer of **acoustics**

The physicist specializes in **acoustics**.

## agriculture

*n.* the practice or science of cultivating the land or raising stock

*synonym*: farming, husbandry, agribusiness

(1) organic **agriculture**, (2) intensive **agriculture**

**Agriculture** is the foundation of our economy.

## byproduct

*n.* a secondary or incidental product produced in the manufacture or synthesis of something else

*synonym*: side effect, spinoff, outgrowth

(1) toxic **byproducts**, (2) **byproduct** of technology

The **byproduct** of the energy production process is a large amount of carbon dioxide emissions.

## backyard

*n.* a whole space behind and belonging to a house

*synonym*: courtyard, garden

(1) play in the **backyard**, (2) **backyard** barbecue

He grows vegetables in his **backyard**.

## preferable

*adj.* more desirable or suitable than another option; more favored or favored over something else; better or more advantageous

*synonym*: desirable, preferred, better

(1) **preferable** option, (2) **preferable** solution

For most people, living in a quiet suburb is **preferable** to living in a busy city.

## manufacture

*v.* to make goods in large numbers, usually in a factory using machines

*synonym*: create, fabricate, assemble

(1) **manufacture** an enzyme, (2) **manufacture** a product

The majority of synthetic vitamins are **manufactured** from oil.

## physically

*adv.* in a way related to a person's body or appearance rather than their mind

(1) **physically** and mentally, (2) stay **physically** fit



Having a **physically** healthy physique is essential for a great life.

## enclosure

*n.* a wall, fence, or other barriers that surround an area, keeping it separate and protected

*synonym*: compartment, partition, wall

(1) the **enclosure** of a city, (2) **enclosure** gate

The **enclosure** held several exotic animals, including lions and tigers.

## particle

*n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance

*synonym*: atom, grain, bit

(1) charged **particle**, (2) **particle** energy

We can calculate the position of the **particles** statistically.

## magic

*n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

*synonym*: fascination, illusion, wizardry

(1) a **magic** spell, (2) she is **magic**

He performed **magic** tricks with sophisticated moves.

## organism

*n.* a tiny living thing

*synonym*: being, creature

(1) aerobic **organism**, (2) group of **organisms**

A diversified plant species generally enhances beneficial **organism** populations.

## equip

*v.* to provide a person or a place with the things that are needed for a particular purpose or activity

*synonym*: prepare, furnish, provide

(1) **equip** an army, (2) **equip** our children with some special skills

The construction company **equipped** the building with an earthquake-resistant device.

## vision

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

*synonym* : sight, image, concept

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

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

## movement

*n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

*synonym* : motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

## formulate

*v.* to create or develop a plan, system, theory, or formula; to express an idea or concept in a clear, precise manner

*synonym* : devise, develop, articulate

(1) **formulate** a response, (2) **formulate** idea

The scientists worked together to **formulate** a plan for their research project.

## cotton

*n.* a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing

(1) **cotton** cloth, (2) culture of **cotton**

The price of raw **cotton** continued to rise.

## hull

*n.* the main body or frame of a ship, airplane, or other vehicles, or the outer covering or shell of a seed, fruit, or other objects

*synonym* : shell, skin, outer covering

(1) set a strake on the **hull**, (2) double- **hull** tank

The ship's **hull** was damaged in the storm, and the crew had to make emergency repairs.

## buckwheat

*n.* a plant with triangular seeds that are used to make flour and other food products; a type of grain that is often gluten-free and has a distinctive nutty flavor

(1) **buckwheat** flour, (2) gluten-free **buckwheat**

I made a delicious **buckwheat** pancake for breakfast this morning.

## oat

*n.* a species of cereal grain that seed is grown for making porridge and other dishes or being fed to animals

*synonym*: cereal, grain

(1) **oat** flour, (2) organic **oat** flake

**Oat** bran is a rich source of soluble dietary fiber.

## facility

*n.* a building or place that provides a particular service or is used for a particular industry

*synonym*: building, structure, installation

(1) a cell phone with an internet **facility**, (2) **facility** design

This company has an entire recycling **facility**, including major reprocessing plants.

## continuous

*adj.* occurring or existing without a pause or interruption

*synonym*: ceaseless, regular, repeated

(1) **continuous** improvement, (2) a **continuous** row of warehouses

The heavy snow has been **continuous** since last morning.

## pasteurize

*v.* to heat something (such as milk) to a specific temperature for a set amount of time to destroy microorganisms that can cause spoilage or illness; to make something safe for consumption or use by eliminating harmful bacteria or other pathogens

*synonym*: sterilize, cleanse

(1) **pasteurize** milk, (2) **pasteurize** beer

It is advisable to **pasteurize** all homemade sauces to prevent the growth of bacteria.

## continuously

*adv.* without being interrupted or paused; repeatedly

*synonym*: constantly, frequently, always

(1) use one thing **continuously**, (2) **continuously** removed

The country's domestic coal consumption has been **continuously** declining for decades.

## inoculate

*v.* to introduce a vaccine into the body to produce immunity to a specific disease

*synonym*: vaccinate, immunize, protect

(1) **inoculate** against disease, (2) **inoculate** with a virus

The doctor **inoculated** the child with a vaccine.

## stream

*n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.

*synonym*: flow, current, brook

(1) the **stream** of time, (2) an endless **stream** of cars

Jet **streams** are the common name for air currents that form high in the atmosphere.

## lid

*n.* a removable or hinged cover for the top of a container

*synonym*: cover, top, cap

(1) container **lid**, (2) the **lid** of a box

He opened the **lid** of the jar to reveal the contents inside.

## digest

*v.* to transform food into absorbable substances; break down

*synonym*: absorb, condense

(1) **digest** information, (2) help **digest** food

Most babies can readily **digest** a wide variety of foods.

## composite

*adj.* made up of different parts, elements, or substances;  
(noun) something made from two or more different substances

*synonym*: compound, combined, mixed

(1) **composite** materials, (2) a **composite** of different photographs

The **composite** index tracks the performance of multiple stocks in the same sector.

## comprise

*v.* to include or consist of something; the act of making up or forming something

*synonym*: consist of, include, be composed of

(1) **comprise** a large percentage, (2) **comprise** the recent past

The team **comprises** players from different countries.

## indoor

*adj.* located, happened, or used inside a building

(1) an **indoor** pool, (2) designed for **indoor** use

Table tennis is an **indoor** sport.

## typical

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

*synonym*: characteristic, usual, distinctive

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

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

## condense

*v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated

*synonym*: compress, compact, shorten

(1) **condense** the text, (2) **condense** water vapor

I need to **condense** all of my notes into a manageable summary for my presentation.

## lapse

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

*synonym*: break, failure, blunder

(1) **lapse** back into recession, (2) **lapse** in payment

I missed the deadline due to a **lapse** in my memory.

- dot** *n.* a very small circular mark, especially one that is printed  
*synonym* : drop, dab, fleck  
(1) connecting the **dots**, (2) **dot** blot method  
The wallpaper had a pattern of pink **dots** on a white surface.
- extend** *v.* to broaden in scope, range, or area  
*synonym* : prolong, lengthen, advance  
(1) **extend** the warranty, (2) **extend** a line  
Her visit will **extend** from Monday to Friday.
- matrix** *n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops  
*synonym* : grid, cast, table  
(1) the **matrix** of Western civilization, (2) **matrix** multiplication  
The **matrix** of numbers on the spreadsheet allowed the accountant to track the company's profits and losses easily.
- fiber** *n.* thread or filament used to make a vegetable tissue, mineral material, or textile  
*synonym* : yarn, thread, wool  
(1) carbon **fiber**, (2) synthetic **fiber**  
We must consume dietary **fiber** to maintain good health.
- fortune** *n.* a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs  
*synonym* : wealth, affluence, assets  
(1) ill **fortune**, (2) bit of good **fortune**  
Capitalism guarantees the right of ownership of personal **fortune**.
- shipment** *n.* a quantity of goods or cargo that is sent or transported from one place to another, especially by land, sea, or air; the act or process of sending or dispatching goods  
*synonym* : delivery, consignment, cargo

(1) international **shipment**, (2) delayed **shipment**

Tracking the package **shipment** was made easy with the provided tracking number.

## buffer

*n.* a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage

*synonym*: cushion, shield, insulation

(1) a **buffer** between the quarreling parents, (2) use a **buffer** to reduce noise

Using a password manager can act as a **buffer** against hackers who try to steal your personal information.

## ecosystem

*n.* all the plants and living creatures in an area and the way they affect each other and the environment

(1) marine **ecosystem**, (2) change the **ecosystem**

Human conservation efforts often fail unexpectedly because they disturb the balance of the **ecosystem**.

## improve

*v.* to make or become better

*synonym*: enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score

We want to **improve** ties between our two countries.

## soil

*n.* the top layer of Earth in which plants grow

*synonym*: earth, ground, mud

(1) **soils** retentive of moisture, (2) parched **soil**

**Soil** moisture is another significant component controlling soil respiration.

## peak

*n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain

*synonym*: summit, vertex, apex

(1) at **peak** hour, (2) the **peak** current in the circuit

This measurement aims to reduce traffic at **peak** periods.

## assembly

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

*synonym* : crowd, gathering, mass

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

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

## yield

*n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

*synonym* : proceeds, harvest, output

(1) corn **yield**, (2) the **yield** on the bond

The company's stock gives a high **yield**.

## incredible

*adj.* unbelievable; enormous

*synonym* : unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

## crustacean

*n.* a type of arthropod, such as a crab, lobster, or shrimp, that has a hard outer shell or exoskeleton

*synonym* : lobster, crab, shrimp

(1) **crustacean** dish, (2) **crustacean** shell

A lobster is a type of **crustacean** found in the ocean.

## clog

*v.* to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something

*synonym* : block, jam, obstruct

(1) **clog** a filter, (2) **clog** artery

The drain was **clogged** with hair and needed to be cleaned out.

## practically

*adv.* almost or nearly

*synonym* : almost, nearly, virtually

(1) **practically** constant, (2) **practically** impossible to find a parking spot



The store is **practically** empty.

## guarantee

*v.* to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met

*synonym*: assure, promise, warrant

(1) **guarantee** a high quality, (2) **guarantee** women equality

We cannot **guarantee** enough raw material sources.

## descendant

*n.* children or offspring of a specific person, plant, or animal

*synonym*: child, offspring, heir

(1) **descendant** of a pioneer, (2) third-generation

**descendant**

Those warriors' **descendants** are still skilled archers.

## harmony

*n.* the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties

*synonym*: balance, accord, congruence

(1) a **harmony** of colors, (2) break a **harmony**

We worked in perfect **harmony**.

## Session 2: Spelling

- |                              |    |  |
|------------------------------|----|--|
| 1. re_____ze talent          | v. | to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered                   |
| 2. co_____se the recent past | v. | to include or consist of something; the act of making up or forming something  |
| 3. bit of good fo_____e      | n. | a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs  |
| 4. the yi__d on the bond     | n. | the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information |
| 5. my_____um growth          | n. | the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae   |
| 6. mo_____re level           | n. | small amounts of liquid, especially water, that are present in or absorbed by a substance  |
| 7. a ha_____y of colors      | n. | the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties                   |
| 8. carbon fi__r              | n. | thread or filament used to make a vegetable tissue, mineral material, or textile   |
| 9. group of or_____sms       | n. | a tiny living thing  |

ANSWERS: 1. recognize, 2. comprise, 3. fortune, 4. yield, 5. mycelium, 6. moisture, 7. harmony, 8. fiber, 9. organism

10. oc\_\_\_y a position *v.* to consume all of someone's space, attention, or time
11. 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
12. com\_\_\_\_\_le with HTML5 *adj.* capable of coexisting or working together without conflict or inconsistency; harmonious or well-matched
13. re\_\_\_\_\_ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
14. pr\_\_\_\_ic apple tree *adj.* producing many works, results, or offspring
15. eg\_\_\_\_\_us claim *adj.* outstandingly bad or shocking; conspicuously or outrageously bad or reprehensible
16. mu\_\_\_\_\_om cultivation *n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
17. pas\_\_\_\_\_ze beer *v.* to heat something (such as milk) to a specific temperature for a set amount of time to destroy microorganisms that can cause spoilage or illness; to make something safe for consumption or use by eliminating harmful bacteria or other pathogens

ANSWERS: 10. occupy, 11. process, 12. compatible, 13. recognize, 14. prolific, 15. egregious, 16. mushroom, 17. pasteurize

18. cru\_\_\_\_\_an shell *n.* a type of arthropod, such as a crab, lobster, or shrimp, that has a hard outer shell or exoskeleton
19. a mec\_\_\_\_\_al style of writing *adj.* operated by a machine, relating to or concerned with machinery or tools
20. cu\_\_c meter *adj.* having the shape of a cube or being of three dimensions; measured in units that are the third power of a linear unit
21. high vo\_\_\_e *n.* the amount of space occupied by an object or substance; the magnitude of sound
22. the l\_d of a box *n.* a removable or hinged cover for the top of a container
23. as\_\_\_\_\_ly line *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
24. marine ec\_\_\_\_\_em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
25. disposal in a la\_\_\_\_\_ll *n.* a site for the disposal of waste materials
26. charged pa\_\_\_\_\_le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
27. be\_\_\_\_\_e molecule *n.* a colorless, flammable liquid hydrocarbon compound with a distinctive sweet odor; commonly used as an industrial solvent and as a starting material for the production of various chemicals

ANSWERS: 18. crustacean, 19. mechanical, 20. cubic, 21. volume, 22. lid, 23. assembly, 24. ecosystem, 25. landfill, 26. particle, 27. benzene

28. car\_\_\_\_\_nic chemicals *adj.* capable of causing cancer or promoting tumor growth; cancer-causing
29. crude pe\_\_\_\_\_um *n.* a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel
30. ch\_\_\_\_n structure *n.* a tough, protective polysaccharide compound that forms the exoskeleton of arthropods and the cell walls of some fungi
31. des\_\_\_\_\_nt of a pioneer *n.* children or offspring of a specific person, plant, or animal
32. g\_\_e stick *n.* a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials
33. by\_\_\_\_\_ct of technology *n.* a secondary or incidental product produced in the manufacture or synthesis of something else
34. toxic by\_\_\_\_\_cts *n.* a secondary or incidental product produced in the manufacture or synthesis of something else
35. art co\_\_\_\_\_or *n.* a person who collects or gathers objects as a hobby or for personal interest; someone who accumulates or acquires a specific type of item
36. delayed sh\_\_\_\_\_nt *n.* a quantity of goods or cargo that is sent or transported from one place to another, especially by land, sea, or air; the act or process of sending or dispatching goods

ANSWERS: 28. carcinogenic, 29. petroleum, 30. chitin, 31. descendant, 32. glue, 33. byproduct, 34. byproduct, 35. collector, 36. shipment

37. en\_\_\_\_\_re gate *n.* a wall, fence, or other barriers that surround an area, keeping it separate and protected
38. eq\_\_p our children with some special skills *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
39. a circular mo\_\_\_\_\_nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
40. of\_\_\_d his sensibilities *v.* to cause someone to feel upset, angry, or annoyed
41. dis\_\_\_\_\_le camera *adj.* designed to be used once and then thrown away
42. ch\_\_\_n synthesis *n.* a tough, protective polysaccharide compound that forms the exoskeleton of arthropods and the cell walls of some fungi
43. penicillin-re\_\_\_\_\_nt bacteria *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
44. the st\_\_\_\_\_re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
45. oc\_\_\_y his time *v.* to consume all of someone's space, attention, or time
46. di\_\_\_\_\_e battleships for a battle *v.* to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away

ANSWERS: 37. enclosure, 38. equip, 39. movement, 40. offend, 41. disposable, 42. chitin, 43. resistant, 44. structure, 45. occupy, 46. dispose

47. d\_t blot method *n.* a very small circular mark, especially one that is printed
48. specialize in ac\_\_\_\_\_cs *n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound
49. in\_\_\_\_\_te the room from sound *v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
50. seed h\_\_k *n.* the dry, outer covering of a seed, grain, or fruit, such as the shell of a nut or the skin of a corn kernel
51. a cir\_\_\_\_\_ry disease *adj.* relating to the system that moves blood through the body, which includes the heart, arteries, and veins
52. co\_\_\_\_\_se water vapor *v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated
53. sy\_\_\_\_\_ic fiber *adj.* made by combining chemical substances as opposed to being naturally occurring
54. as\_\_\_\_\_le your colleagues *v.* to collect in one place as a single group
55. subtropical g\_\_e *n.* a circular or spiral motion, particularly a vortex or large-scale system of rotating ocean currents
56. the most am\_\_\_\_\_g feeling *adj.* extremely surprising, especially in a way that you like or admire

ANSWERS: 47. dot, 48. acoustics, 49. insulate, 50. husk, 51. circulatory, 52. condense, 53. synthetic, 54. assemble, 55. gyre, 56. amazing

57. pra\_\_\_\_\_ly impossible to find a parking spot *adv.* almost or nearly
58. use one thing con\_\_\_\_\_sly *adv.* without being interrupted or paused; repeatedly
59. end of the first qu\_\_\_\_\_r *n.* one of four equal parts; a fourth part or portion
60. fo\_\_\_\_\_te a response *v.* to create or develop a plan, system, theory, or formula; to express an idea or concept in a clear, precise manner
61. liquefied pe\_\_\_\_\_um gas *n.* a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel
62. o\_t flour *n.* a species of cereal grain that seed is grown for making porridge and other dishes or being fed to animals
63. as\_\_\_\_\_ly hall *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
64. the engineer of ac\_\_\_\_\_cs *n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound
65. change the ec\_\_\_\_\_em *n.* all the plants and living creatures in an area and the way they affect each other and the environment

ANSWERS: 57. practically, 58. continuously, 59. quarter, 60. formulate, 61. petroleum, 62. oat, 63. assembly, 64. acoustics, 65. ecosystem



66. la\_\_e back into recession *n.* a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended
67. es\_\_\_\_te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
68. tr\_\_\_\_\_rm heat into power *v.* to change in outward structure or looks;
69. entirely an\_\_\_\_\_us *adj.* similar or equivalent in some respects, typically as a result of functioning in a similar way
70. st\_\_\_\_\_re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
71. the p\_\_k current in the circuit *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
72. a s\_\_d coat *n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant
73. en\_\_\_\_\_ly satisfied with the meal *adv.* completely
74. in\_\_\_\_\_te against disease *v.* to introduce a vaccine into the body to produce immunity to a specific disease
75. the cy\_\_e of the seasons *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

ANSWERS: 66. lapse, 67. estimate, 68. transform, 69. analogous, 70. structure, 71. peak, 72. seed, 73. entirely, 74. inoculate, 75. cycle

76. a con\_\_\_\_\_us row of warehouses      *adj.* occurring or existing without a pause or interruption
77. help di\_\_\_\_t food      *v.* to transform food into absorbable substances; break down
78. break a ha\_\_\_\_\_y      *n.* the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties
79. telescopic vi\_\_\_\_n      *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
80. m\_\_d allergy      *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
81. he was en\_\_\_\_\_ly to blame      *adv.* completely
82. an eg\_\_\_\_\_us error      *adj.* outstandingly bad or shocking; conspicuously or outrageously bad or reprehensible
83. alleviate res\_\_\_\_\_ry ailments      *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
84. plastic d\_\_l      *n.* a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive

ANSWERS: 76. continuous, 77. digest, 78. harmony, 79. vision, 80. mold, 81. entirely, 82. egregious, 83. respiratory, 84. doll

85. pre\_\_\_\_\_le solution *adj.* more desirable or suitable than another option; more favored or favored over something else; better or more advantageous
86. fi\_\_\_e decimal *adj.* having a limit or restriction of size, time, etc.
87. inc\_\_\_\_\_le amount *adj.* unbelievable; enormous
88. car\_\_\_\_\_nic air pollution *adj.* capable of causing cancer or promoting tumor growth; cancer-causing
89. aerial my\_\_\_\_\_um *n.* the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae
90. env\_\_\_\_\_nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
91. a co\_\_\_\_\_te of different photographs *adj.* made up of different parts, elements, or substances; (noun) something made from two or more different substances
92. ab\_\_\_b a shock *v.* to take in a fluid or other substance gradually
93. 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
94. con\_\_\_\_\_sly removed *adv.* without being interrupted or paused; repeatedly
95. culture of co\_\_\_n *n.* a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing

ANSWERS: 85. preferable, 86. finite, 87. incredible, 88. carcinogenic, 89. mycelium, 90. environment, 91. composite, 92. absorb, 93. planet, 94. continuously, 95. cotton

96. at inc\_\_\_\_\_le speed *adj.* unbelievable; enormous
97. bu\_\_\_\_\_at flour *n.* a plant with triangular seeds that are used to make flour and other food products; a type of grain that is often gluten-free and has a distinctive nutty flavor
98. ex\_\_\_d a line *v.* to broaden in scope, range, or area
99. mo\_\_\_\_\_ar biology *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
100. a cell phone with an internet  
fa\_\_\_\_\_ty *n.* a building or place that provides a particular service or is used for a particular industry
101. cru\_\_\_\_\_an dish *n.* a type of arthropod, such as a crab, lobster, or shrimp, that has a hard outer shell or exoskeleton
102. la\_\_\_\_\_ll sites *n.* a site for the disposal of waste materials
103. ex\_\_\_d the warranty *v.* to broaden in scope, range, or area
104. a ma\_\_c spell *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
105. c\_\_p herbicide *n.* a plant that is cultivated in large amounts, particularly for food
106. po\_\_\_\_\_us chemicals *adj.* containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction

ANSWERS: 96. incredible, 97. buckwheat, 98. extend, 99. molecular, 100. facility, 101. crustacean, 102. landfill, 103. extend, 104. magic, 105. crop, 106. poisonous

107. organic o_t flake	<i>n.</i> a species of cereal grain that seed is grown for making porridge and other dishes or being fed to animals
108. con_____us improvement	<i>adj.</i> occurring or existing without a pause or interruption
109. an endless st___m of cars	<i>n.</i> a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
110. the influence of mec_____al action	<i>adj.</i> operated by a machine, relating to or concerned with machinery or tools
111. the en_____re of a city	<i>n.</i> a wall, fence, or other barriers that surround an area, keeping it separate and protected
112. di_____e of a used product	<i>v.</i> to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away
113. play in the ba_____rd	<i>n.</i> a whole space behind and belonging to a house
114. co_____se a large percentage	<i>v.</i> to include or consist of something; the act of making up or forming something
115. designed for in____r use	<i>adj.</i> located, happened, or used inside a building
116. s__d money	<i>n.</i> a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant
117. in_____te with a virus	<i>v.</i> to introduce a vaccine into the body to produce immunity to a specific disease

ANSWERS: 107. oat, 108. continuous, 109. stream, 110. mechanical, 111. enclosure, 112. dispose, 113. backyard, 114. comprise, 115. indoor, 116. seed, 117. inoculate

118. pe\_\_\_l station *n.* a flammable liquid made from petroleum that is used as a fuel in internal combustion engines, commonly known as gasoline in North America
119. st\_\_\_e for excellence *v.* to try very hard to do, achieve, or obtain something
120. re\_\_\_\_\_e milk packaging into new paper *v.* to sort and collect things to process them and produce valuable materials that can be used again
121. po\_\_\_\_\_r fiber *n.* a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules
122. pra\_\_\_\_\_ly constant *adv.* almost or nearly
123. pe\_\_\_l engine *n.* a flammable liquid made from petroleum that is used as a fuel in internal combustion engines, commonly known as gasoline in North America
124. go to the workplace by cy\_\_e *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
125. 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
126. third-generation des\_\_\_\_\_nt *n.* children or offspring of a specific person, plant, or animal
127. an in\_\_\_r pool *adj.* located, happened, or used inside a building

ANSWERS: 118. petrol, 119. strive, 120. recycle, 121. polymer, 122. practically, 123. petrol, 124. cycle, 125. discovery, 126. descendant, 127. indoor

128. im\_\_\_\_\_e the test score *v.* to make or become better
129. an\_\_\_\_\_us fashion *adj.* similar or equivalent in some respects, typically as a result of functioning in a similar way
130. as\_\_\_\_\_le a jigsaw puzzle *v.* to collect in one place as a single group
131. man\_\_\_\_\_re a product *v.* to make goods in large numbers, usually in a factory using machines
132. pa\_\_\_\_\_le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
133. gluten-free bu\_\_\_\_\_at *n.* a plant with triangular seeds that are used to make flour and other food products; a type of grain that is often gluten-free and has a distinctive nutty flavor
134. chaotic env\_\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
135. the f\_\_k songs of a particular district *n.* people in general, especially those of a particular group or type
136. ma\_\_\_x multiplication *n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops
137. la\_\_e in payment *n.* a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended

ANSWERS: 128. improve, 129. analogous, 130. assemble, 131. manufacture, 132. particle, 133. buckwheat, 134. environment, 135. folk, 136. matrix, 137. lapse

138. gu\_\_\_\_\_ee women equality      *v.* to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met
139. pas\_\_\_\_\_ze milk      *v.* to heat something (such as milk) to a specific temperature for a set amount of time to destroy microorganisms that can cause spoilage or illness; to make something safe for consumption or use by eliminating harmful bacteria or other pathogens
140. nutrient-rich to\_\_\_\_\_l      *n.* the upper layer of soil that contains most of the nutrients and organic matter and is important for plant growth and cultivation; a shallow, loose layer of soil that can be easily removed or displaced by wind, water, or other factors
141. stay phy\_\_\_\_\_ly fit      *adv.* in a way related to a person's body or appearance rather than their mind
142. total dis\_\_\_\_\_le income      *adj.* designed to be used once and then thrown away
143. 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
144. pr\_\_\_\_\_le of treatment      *n.* a fundamental law or truth that explains or controls how something happens or works
145. mo\_\_\_\_\_ar structure      *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

ANSWERS: 138. guarantee, 139. pasteurize, 140. topsoil, 141. physically, 142. disposable, 143. discovery, 144. principle, 145. molecular



146. intensive agr\_\_\_\_\_re      *n.* the practice or science of cultivating the land or raising stock
147. rag d\_\_l      *n.* a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive
148. a cr\_\_y scheme      *adj.* stupid or not sensible; very angry
149. tr\_\_h bin      *n.* discarded material, refuse, or waste
150. to\_\_\_\_\_l erosion      *n.* the upper layer of soil that contains most of the nutrients and organic matter and is important for plant growth and cultivation; a shallow, loose layer of soil that can be easily removed or displaced by wind, water, or other factors
151. the so\_\_r system      *adj.* of, from, or relating to the sun
152. connecting the d\_ts      *n.* a very small circular mark, especially one that is printed
153. container l\_d      *n.* a removable or hinged cover for the top of a container
154. aerobic or\_\_\_\_\_sm      *n.* a tiny living thing
155. re\_\_\_\_\_e the cardboard boxes      *v.* to sort and collect things to process them and produce valuable materials that can be used again
156. the st\_\_\_m of time      *n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
157. fuel bi\_\_\_\_\_s      *n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms

ANSWERS: 146. agriculture, 147. doll, 148. crazy, 149. trash, 150. topsoil, 151. solar, 152. dot, 153. lid, 154. organism, 155. recycle, 156. stream, 157. biomass

158. tr\_\_\_\_\_m an education system      *v.* to change in outward structure or looks;
159. ill fo\_\_\_\_\_e      *n.* a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs
160. the ma\_\_\_\_x of Western civilization      *n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops
161. fairly ty\_\_\_\_\_l symptoms      *adj.* having the usual characteristics or traits of a specific group of things
162. h\_\_k removal      *n.* the dry, outer covering of a seed, grain, or fruit, such as the shell of a nut or the skin of a corn kernel
163. mo\_\_\_\_\_nt of troops      *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
164. cause cir\_\_\_\_\_ry failure shock      *adj.* relating to the system that moves blood through the body, which includes the heart, arteries, and veins
165. double-h\_\_l tank      *n.* the main body or frame of a ship, airplane, or other vehicles, or the outer covering or shell of a seed, fruit, or other objects
166. ab\_\_\_\_b energy      *v.* to take in a fluid or other substance gradually
167. a qu\_\_\_\_\_r mile      *n.* one of four equal parts; a fourth part or portion

ANSWERS: 158. transform, 159. fortune, 160. matrix, 161. typical, 162. husk, 163. movement, 164. circulatory, 165. hull, 166. absorb, 167. quarter

168. to\_\_c molecule *adj.* of or relating to or caused by a poison; poisonous
169. exposure to to\_\_c chemicals *adj.* of or relating to or caused by a poison; poisonous
170. ph\_\_\_n emission *n.* a unit or quantum of electromagnetic energy, typically regarded as a particle that is the basic constituent of all light and other forms of electromagnetic radiation
171. m\_\_t the ice *v.* to turn from something solid into something soft or liquid as a result of heating
172. m\_\_t down gold *v.* to turn from something solid into something soft or liquid as a result of heating
173. f\_\_k art *n.* people in general, especially those of a particular group or type
174. es\_\_\_\_\_te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
175. ba\_\_\_\_\_rd barbecue *n.* a whole space behind and belonging to a house
176. sy\_\_\_\_\_ic fertilizer *adj.* made by combining chemical substances as opposed to being naturally occurring
177. a con\_\_\_\_\_nal style *adj.* based on or following traditional rules, standards, customs, etc.
178. international sh\_\_\_\_\_nt *n.* a quantity of goods or cargo that is sent or transported from one place to another, especially by land, sea, or air; the act or process of sending or dispatching goods

ANSWERS: 168. toxic, 169. toxic, 170. photon, 171. melt, 172. melt, 173. folk, 174. estimate, 175. backyard, 176. synthetic, 177. conventional, 178. shipment

179. ca\_\_\_\_e customers' hearts      *v.* to catch a person or an animal and confine them in an area which they cannot escape
180. co\_\_\_\_se the text      *v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated
181. at p\_\_k hour      *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
182. electronic de\_\_\_\_e      *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
183. c\_\_g artery      *v.* to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something
184. official sta\_\_\_\_cs      *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
185. lot of mo\_\_\_\_re      *n.* small amounts of liquid, especially water, that are present in or absorbed by a substance
186. co\_\_\_\_n cloth      *n.* a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing
187. ind\_\_\_\_us worker      *adj.* hardworking, diligent, and persistent in effort

ANSWERS: 179. capture, 180. condense, 181. peak, 182. device, 183. clog, 184. statistics, 185. moisture, 186. cotton, 187. industrious

188. mu\_\_\_\_om spores *n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
189. cu\_\_c structure *adj.* having the shape of a cube or being of three dimensions; measured in units that are the third power of a linear unit
190. set a strake on the h\_\_l *n.* the main body or frame of a ship, airplane, or other vehicles, or the outer covering or shell of a seed, fruit, or other objects
191. 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
192. 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
193. water va\_\_r in the atmosphere *n.* a mass of tiny liquid drops in the air
194. bi\_\_\_\_s energy *n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
195. organic agr\_\_\_\_\_\_re *n.* the practice or science of cultivating the land or raising stock
196. di\_\_t information *v.* to transform food into absorbable substances; break down

ANSWERS: 188. mushroom, 189. cubic, 190. hull, 191. process, 192. planet, 193. vapor, 194. biomass, 195. agriculture, 196. digest

197. pr\_\_\_\_le outcome *adj.* likely to happen or likely to be true
198. ty\_\_\_\_l leader *adj.* having the usual characteristics or traits of a specific group of things
199. st\_\_\_\_e hard to get *v.* to try very hard to do, achieve, or obtain something
200. cr\_\_y about cars and racing *adj.* stupid or not sensible; very angry
201. pr\_\_\_\_ic period *adj.* producing many works, results, or offspring
202. a casting m\_\_d *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
203. co\_\_\_\_te materials *adj.* made up of different parts, elements, or substances; (noun) something made from two or more different substances
204. c\_\_g a filter *v.* to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something
205. cell and molecular bi\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
206. biodegradable pa\_\_\_\_ng *n.* the process, materials, or container used to wrap or contain a product for distribution, storage, or sale; the design or appearance of a product's packaging

ANSWERS: 197. probable, 198. typical, 199. strive, 200. crazy, 201. prolific, 202. mold, 203. composite, 204. clog, 205. biology, 206. packaging

207. s\_\_ls retentive of moisture *n.* the top layer of Earth in which plants grow
208. be\_\_\_\_\_e ring *n.* a colorless, flammable liquid hydrocarbon compound with a distinctive sweet odor; commonly used as an industrial solvent and as a starting material for the production of various chemicals
209. eq\_\_p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
210. get a con\_\_\_\_\_nal loan *adj.* based on or following traditional rules, standards, customs, etc.
211. use a bu\_\_\_r to reduce noise *n.* a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage
212. social di\_\_\_\_\_ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
213. a so\_\_r eclipse *adj.* of, from, or relating to the sun
214. a bu\_\_\_r between the quarreling parents *n.* a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage
215. res\_\_\_\_\_ry failure *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air

ANSWERS: 207. soil, 208. benzene, 209. equip, 210. conventional, 211. buffer, 212. distance, 213. solar, 214. buffer, 215. respiratory

216. epoxy g\_\_e *n.* a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials
217. she is ma\_\_c *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
218. pre\_\_\_\_\_le option *adj.* more desirable or suitable than another option; more favored or favored over something else; better or more advantageous
219. man\_\_\_\_\_re an enzyme *v.* to make goods in large numbers, usually in a factory using machines
220. alcohol va\_\_r *n.* a mass of tiny liquid drops in the air
221. organic co\_\_\_\_\_t *n.* a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil
222. po\_\_\_\_\_us plants *adj.* containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction
223. st\_\_\_\_\_e production *n.* a colorless, flammable liquid used in the production of resins, plastics, and synthetic rubber, which has a distinctive sweet smell and is commonly found in products like foam insulation or disposable cups

ANSWERS: 216. glue, 217. magic, 218. preferable, 219. manufacture, 220. vapor, 221. compost, 222. poisonous, 223. styrene



224. pa\_\_\_\_\_ng materials *n.* the process, materials, or container used to wrap or contain a product for distribution, storage, or sale; the design or appearance of a product's packaging
225. sta\_\_\_\_\_cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
226. ph\_\_\_n energy *n.* a unit or quantum of electromagnetic energy, typically regarded as a particle that is the basic constituent of all light and other forms of electromagnetic radiation
227. fi\_\_\_e resources *adj.* having a limit or restriction of size, time, etc.
228. driving di\_\_\_\_\_ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
229. st\_\_\_\_\_e monomer *n.* a colorless, flammable liquid used in the production of resins, plastics, and synthetic rubber, which has a distinctive sweet smell and is commonly found in products like foam insulation or disposable cups
230. ind\_\_\_\_\_us student *adj.* hardworking, diligent, and persistent in effort
231. f\_\_l language *adj.* extremely unpleasant, dirty, or smelling bad
232. of\_\_\_d a customer *v.* to cause someone to feel upset, angry, or annoyed

ANSWERS: 224. packaging, 225. statistics, 226. photon, 227. finite, 228. distance, 229. styrene, 230. industrious, 231. foul, 232. offend

233. tr\_\_h disposal site *n.* discarded material, refuse, or waste
234. fe\_\_\_\_\_ck supply *n.* the raw material or substances that are used to make a product, particularly in industrial or manufacturing processes
235. pr\_\_\_\_\_le cause of a fire *adj.* likely to happen or likely to be true
236. ca\_\_\_\_\_e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
237. re\_\_\_\_\_nt to persuasion *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
238. im\_\_\_\_\_e a process *v.* to make or become better
239. fa\_\_\_\_\_ty design *n.* a building or place that provides a particular service or is used for a particular industry
240. synthetic fi\_\_r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
241. phy\_\_\_\_\_ly and mentally *adv.* in a way related to a person's body or appearance rather than their mind
242. pr\_\_\_\_\_le in business *n.* a fundamental law or truth that explains or controls how something happens or works
243. biological po\_\_\_\_\_r *n.* a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules
244. corn yi\_\_d *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

ANSWERS: 233. trash, 234. feedstock, 235. probable, 236. capture, 237. resistant, 238. improve, 239. facility, 240. fiber, 241. physically, 242. principle, 243. polymer, 244. yield

245. g\_\_e movement *n.* a circular or spiral motion, particularly a vortex or large-scale system of rotating ocean currents
246. c\_\_p field *n.* a plant that is cultivated in large amounts, particularly for food
247. a prodigious vi\_\_\_n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
248. co\_\_\_\_\_t pile *n.* a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil
249. fully com\_\_\_\_\_le *adj.* capable of coexisting or working together without conflict or inconsistency; harmonious or well-matched
250. fo\_\_\_\_\_te idea *v.* to create or develop a plan, system, theory, or formula; to express an idea or concept in a clear, precise manner
251. f\_\_l day *adj.* extremely unpleasant, dirty, or smelling bad
252. am\_\_\_\_\_g advances *adj.* extremely surprising, especially in a way that you like or admire
253. tracking de\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
254. parched s\_\_l *n.* the top layer of Earth in which plants grow

ANSWERS: 245. gyre, 246. crop, 247. vision, 248. compost, 249. compatible, 250. formulate, 251. foul, 252. amazing, 253. device, 254. soil

255. gu\_\_\_\_\_ee a high quality      *v.* to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met
256. fe\_\_\_\_\_ck procurement      *n.* the raw material or substances that are used to make a product, particularly in industrial or manufacturing processes
257. vo\_\_\_e of work      *n.* the amount of space occupied by an object or substance; the magnitude of sound
258. evolutionary bi\_\_\_\_\_y      *n.* the scientific study of life and the natural processes of living things
259. in\_\_\_\_\_te electricity      *v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
260. coin co\_\_\_\_\_or      *n.* a person who collects or gathers objects as a hobby or for personal interest; someone who accumulates or acquires a specific type of item

ANSWERS: 255. guarantee, 256. feedstock, 257. volume, 258. biology, 259. insulate, 260. collector

## Session 3: Fill in the Blanks

1. Capitalism guarantees the right of ownership of personal \_\_\_\_\_.  
*n.* a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs
2. The country's economy relies heavily on its \_\_\_\_\_ industry.  
*n.* a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel
3. The \_\_\_\_\_ of the energy production process is a large amount of carbon dioxide emissions.  
*n.* a secondary or incidental product produced in the manufacture or synthesis of something else
4. My hair looks greasy because there is too much \_\_\_\_\_ in the air.  
*n.* small amounts of liquid, especially water, that are present in or absorbed by a substance
5. The organizational \_\_\_\_\_ of start-ups is often flat and straightforward.  
*n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
6. I always carry a backup \_\_\_\_\_ in case my phone runs out of battery.  
*n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
7. The drain was \_\_\_\_\_ with hair and needed to be cleaned out.  
*v.* to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something

ANSWERS: 1. fortune, 2. petroleum, 3. byproduct, 4. moisture, 5. structure, 6. device, 7. clogged

8. The team \_\_\_\_\_ players from different countries.  
*v.* to include or consist of something; the act of making up or forming something
9. The wallpaper had a pattern of pink \_\_\_\_\_ on a white surface.  
*n.* a very small circular mark, especially one that is printed
10. The \_\_\_\_\_ index tracks the performance of multiple stocks in the same sector.  
*adj.* made up of different parts, elements, or substances; (noun) something made from two or more different substances
11. Exposure to high levels of \_\_\_\_\_ can lead to several health issues.  
*n.* a colorless, flammable liquid hydrocarbon compound with a distinctive sweet odor; commonly used as an industrial solvent and as a starting material for the production of various chemicals
12. Some species of \_\_\_\_\_ can be deadly to humans if bitten.  
*adj.* containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction
13. The trash caught in the \_\_\_\_\_ in the ocean, forming a massive garbage patch.  
*n.* a circular or spiral motion, particularly a vortex or large-scale system of rotating ocean currents
14. I need to \_\_\_\_\_ all of my notes into a manageable summary for my presentation.  
*v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated

ANSWERS: 8. comprises, 9. dots, 10. composite, 11. benzene, 12. poisonous snakes, 13. gyre, 14. condense

15. \_\_\_\_ bran is a rich source of soluble dietary fiber.  
*n.* a species of cereal grain that seed is grown for making porridge and other dishes or being fed to animals
16. We cannot \_\_\_\_\_ enough raw material sources.  
*v.* to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met
17. The ship's \_\_\_\_ was damaged in the storm, and the crew had to make emergency repairs.  
*n.* the main body or frame of a ship, airplane, or other vehicles, or the outer covering or shell of a seed, fruit, or other objects
18. I was able to \_\_\_\_\_ the moment on film.  
*v.* to catch a person or an animal and confine them in an area which they cannot escape
19. Her resistance \_\_\_\_\_ under his persuasion.  
*v.* to turn from something solid into something soft or liquid as a result of heating
20. The golfer recorded an \_\_\_\_\_ distance.  
*adj.* extremely surprising, especially in a way that you like or admire
21. It was \_\_\_\_ of him to betray his friend.  
*adj.* extremely unpleasant, dirty, or smelling bad
22. The package was a \_\_\_\_\_ shape, which made it easier to stack on the shelf.  
*adj.* having the shape of a cube or being of three dimensions; measured in units that are the third power of a linear unit

ANSWERS: 15. Oat, 16. guarantee, 17. hull, 18. capture, 19. melted, 20. amazing, 21. foul, 22. cubic

23. Jet \_\_\_\_\_ are the common name for air currents that form high in the atmosphere.
- n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
24. Later, his claim was found to be \_\_\_\_\_ false.
- adv.* completely
25. Infrared cameras detect \_\_\_\_\_ in the infrared range of the electromagnetic spectrum.
- n.* a unit or quantum of electromagnetic energy, typically regarded as a particle that is the basic constituent of all light and other forms of electromagnetic radiation
26. The \_\_\_\_\_ risotto was delicious, but I couldn't identify all the mushrooms in it.
- n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
27. You can add coffee grounds and crushed eggshells to your \_\_\_\_\_ to improve the pH balance.
- n.* a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil
28. I made a delicious \_\_\_\_\_ pancake for breakfast this morning.
- n.* a plant with triangular seeds that are used to make flour and other food products; a type of grain that is often gluten-free and has a distinctive nutty flavor
29. We largely \_\_\_\_\_ the circuit board of cell phones because they contain a lot of valuable metals.
- v.* to sort and collect things to process them and produce valuable materials that can be used again

ANSWERS: 23. streams, 24. entirely, 25. photons, 26. mushroom, 27. compost, 28. buckwheat, 29. recycle



30. We want to \_\_\_\_\_ ties between our two countries.

*v.* to make or become better

31. Tracking the package \_\_\_\_\_ was made easy with the provided tracking number.

*n.* a quantity of goods or cargo that is sent or transported from one place to another, especially by land, sea, or air; the act or process of sending or dispatching goods

32. The unemployment rate in the first \_\_\_\_\_ was 2.3 percentage points higher than in the previous.

*n.* one of four equal parts; a fourth part or portion

33. He grows vegetables in his \_\_\_\_\_.

*n.* a whole space behind and belonging to a house

34. Her response revealed \_\_\_\_\_ idiocy.

*adj.* unbelievable; enormous

35. The human heart is \_\_\_\_\_ to a pump in a plumbing system.

*adj.* similar or equivalent in some respects, typically as a result of functioning in a similar way

36. It is advisable to \_\_\_\_\_ all homemade sauces to prevent the growth of bacteria.

*v.* to heat something (such as milk) to a specific temperature for a set amount of time to destroy microorganisms that can cause spoilage or illness; to make something safe for consumption or use by eliminating harmful bacteria or other pathogens

ANSWERS: 30. improve, 31. shipment, 32. quarter, 33. backyard, 34. incredible, 35. analogous, 36. pasteurize

37. The heavy snow has been \_\_\_\_\_ since last morning.  
*adj.* occurring or existing without a pause or interruption
38. Every human is responsible for taking care of the Earth's \_\_\_\_\_.  
*n.* the natural world such as air, water, and land in which humans, animals, and plants live
39. \_\_\_\_\_ moisture is another significant component controlling soil respiration.  
*n.* the top layer of Earth in which plants grow
40. A diversified plant species generally enhances beneficial \_\_\_\_\_ populations.  
*n.* a tiny living thing
41. Those warriors' \_\_\_\_\_ are still skilled archers.  
*n.* children or offspring of a specific person, plant, or animal
42. The new software is not \_\_\_\_\_ with the old operating system, causing compatibility issues and errors.  
*adj.* capable of coexisting or working together without conflict or inconsistency; harmonious or well-matched
43. Having a \_\_\_\_\_ healthy physique is essential for a great life.  
*adv.* in a way related to a person's body or appearance rather than their mind
44. We can calculate the position of the \_\_\_\_\_ statistically.  
*n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
45. We are developing plant-derived \_\_\_\_\_ to reduce environmental impact.  
*n.* a substance composed of macromolecules (= large groups of atoms) made from many smaller and simpler molecules

ANSWERS: 37. continuous, 38. environment, 39. Soil, 40. organism, 41. descendants, 42. compatible, 43. physically, 44. particles, 45. polymers

46. This container has a \_\_\_\_\_ of 10 cubic meters.
- n.* the amount of space occupied by an object or substance; the magnitude of sound
47. The marathon runner covered a long \_\_\_\_\_ in a short amount of time.
- n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
48. The carpenter applied \_\_\_\_\_ to the cabinet joints before nailing them together.
- n.* a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials
49. The antique \_\_\_\_\_ was worth thousands of dollars.
- n.* a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive
50. He was known to be very \_\_\_\_\_ and would often work late into the night.
- adj.* hardworking, diligent, and persistent in effort
51. Her visit will \_\_\_\_\_ from Monday to Friday.
- v.* to broaden in scope, range, or area
52. Chronic \_\_\_\_\_ disorders, such as asthma, can significantly impact a person's quality of life.
- adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
53. We worked in perfect \_\_\_\_\_.
- n.* the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties

ANSWERS: 46. volume, 47. distance, 48. glue, 49. doll, 50. industrious, 51. extend, 52. respiratory, 53. harmony

54. The \_\_\_\_\_ demonstrate that poverty and unemployment are genuine problems.
- n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
55. Efficiency isn't an essential \_\_\_\_\_ here; fairness is.
- n.* a fundamental law or truth that explains or controls how something happens or works
56. Table tennis is an \_\_\_\_\_ sport.
- adj.* located, happened, or used inside a building
57. We had our bedroom \_\_\_\_\_ before winter came.
- v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
58. The physicist specializes in \_\_\_\_\_.
- n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound
59. It's important to \_\_\_\_\_ your strengths and weaknesses.
- v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
60. \_\_\_\_\_ weight is the sum of all the atoms.
- adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
61. Sow early for an early \_\_\_\_\_.
- n.* a plant that is cultivated in large amounts, particularly for food

ANSWERS: 54. statistics, 55. principle, 56. indoor, 57. insulated, 58. acoustics, 59. recognize, 60. Molecular, 61. crop

62. Driving is difficult for me because of my poor \_\_\_\_\_.
- n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
63. The \_\_\_\_\_ foam was used as insulation to keep the house warm.
- n.* a colorless, flammable liquid used in the production of resins, plastics, and synthetic rubber, which has a distinctive sweet smell and is commonly found in products like foam insulation or disposable cups
64. The city is taking measures to reduce the amount of \_\_\_\_\_ in the streets.
- n.* discarded material, refuse, or waste
65. I must fill my car with \_\_\_\_\_ before going on a long road trip.
- n.* a flammable liquid made from petroleum that is used as a fuel in internal combustion engines, commonly known as gasoline in North America
66. He performed \_\_\_\_\_ tricks with sophisticated moves.
- n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
67. The country's domestic coal consumption has been \_\_\_\_\_ declining for decades.
- adv.* without being interrupted or paused; repeatedly
68. The doctor \_\_\_\_\_ the child with a vaccine.
- v.* to introduce a vaccine into the body to produce immunity to a specific disease
69. 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

ANSWERS: 62. vision, 63. styrene, 64. trash, 65. petrol, 66. magic, 67. continuously, 68. inoculated, 69. planet

70. The majority of synthetic vitamins are \_\_\_\_\_ from oil.
- v.* to make goods in large numbers, usually in a factory using machines
71. He opened the \_\_\_\_ of the jar to reveal the contents inside.
- n.* a removable or hinged cover for the top of a container
72. The construction company \_\_\_\_\_ the building with an earthquake-resistant device.
- v.* to provide a person or a place with the things that are needed for a particular purpose or activity
73. 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
74. \_\_\_\_\_ panels have greatly improved not only in performance but also in durability.
- adj.* of, from, or relating to the sun
75. The \_\_\_\_\_ in a forest can be measured by collecting and weighing all living plants within a specific area.
- n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
76. For most people, living in a quiet suburb is \_\_\_\_\_ to living in a busy city.
- adj.* more desirable or suitable than another option; more favored or favored over something else; better or more advantageous
77. The company's stock gives a high \_\_\_\_\_.
- n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

ANSWERS: 70. manufactured, 71. lid, 72. equipped, 73. discovery, 74. Solar, 75. biomass, 76. preferable, 77. yield

78. We \_\_\_\_\_ the season's total trade deficit at \$50 billion.

*v.* to guess or calculate the cost, size, value, etc. of something

79. Corn is a common \_\_\_\_\_ for ethanol production.

*n.* the raw material or substances that are used to make a product, particularly in industrial or manufacturing processes

80. The price of raw \_\_\_\_\_ continued to rise.

*n.* a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing

81. The sponge \_\_\_\_\_ water well.

*v.* to take in a fluid or other substance gradually

82. The \_\_\_\_\_ of the dancers on stage was graceful and elegant.

*n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

83. Generally speaking, the child is innately \_\_\_\_\_ to learn a language.

*v.* to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away

84. The food chain causes a material \_\_\_\_\_.

*n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

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

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

ANSWERS: 78. estimated, 79. feedstock, 80. cotton, 81. absorbs, 82. movement, 83. disposed, 84. cycle, 85. probable

86. Human conservation efforts often fail unexpectedly because they disturb the balance of the \_\_\_\_\_.
- n.* all the plants and living creatures in an area and the way they affect each other and the environment
87. This measurement aims to reduce traffic at \_\_\_\_\_ periods.
- n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
88. Some seaweed was used as \_\_\_\_\_ medicine in ancient times.
- n.* people in general, especially those of a particular group or type
89. The \_\_\_\_\_ of numbers on the spreadsheet allowed the accountant to track the company's profits and losses easily.
- n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops
90. The young prince will soon \_\_\_\_\_ the throne.
- v.* to consume all of someone's space, attention, or time
91. My grandfather is an avid stamp \_\_\_\_\_ and he has a collection of rare stamps from all over the world.
- n.* a person who collects or gathers objects as a hobby or for personal interest; someone who accumulates or acquires a specific type of item
92. Mushrooms and \_\_\_\_\_ are fungi.
- n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

ANSWERS: 86. ecosystem, 87. peak, 88. folk, 89. matrix, 90. occupy, 91. collector, 92. mold



93. This chemical compound is a thousand-fold more \_\_\_\_\_.

*adj.* of or relating to or caused by a poison; poisonous

94. A lobster is a type of \_\_\_\_\_ found in the ocean.

*n.* a type of arthropod, such as a crab, lobster, or shrimp, that has a hard outer shell or exoskeleton

95. Using a password manager can act as a \_\_\_\_\_ against hackers who try to steal your personal information.

*n.* a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage

96. In junior high school, we had to dissect a frog in \_\_\_\_\_ class.

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

97. The president began to \_\_\_\_\_ an army.

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

98. Insects in urban areas are becoming \_\_\_\_\_ to insecticides.

*adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

99. Most babies can readily \_\_\_\_\_ a wide variety of foods.

*v.* to transform food into absorbable substances; break down

100. The store is \_\_\_\_\_ empty.

*adv.* almost or nearly

101. The scientists worked together to \_\_\_\_\_ a plan for their research project.

*v.* to create or develop a plan, system, theory, or formula; to express an idea or concept in a clear, precise manner

ANSWERS: 93. toxic, 94. crustacean, 95. buffer, 96. biology, 97. assemble, 98. resistant, 99. digest, 100. practically, 101. formulate

102. He planted the \_\_\_\_\_ in the soil and waited for it to sprout.
- n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant
103. The lobster's \_\_\_\_\_ shell turns red when cooked due to heat-induced chemical changes.
- n.* a tough, protective polysaccharide compound that forms the exoskeleton of arthropods and the cell walls of some fungi
104. They \_\_\_\_\_ to make their dream come true.
- v.* to try very hard to do, achieve, or obtain something
105. This company has an entire recycling \_\_\_\_\_ including major reprocessing plants.
- n.* a building or place that provides a particular service or is used for a particular industry
106. This artwork is \_\_\_\_\_ of her work.
- adj.* having the usual characteristics or traits of a specific group of things
107. The \_\_\_\_\_ held several exotic animals, including lions and tigers.
- n.* a wall, fence, or other barriers that surround an area, keeping it separate and protected
108. The \_\_\_\_\_ for the fragile items was made of sturdy materials and could withstand rough handling during shipping.
- n.* the process, materials, or container used to wrap or contain a product for distribution, storage, or sale; the design or appearance of a product's packaging

ANSWERS: 102. seed, 103. chitin-based, 104. strived, 105. facility, 106. typical, 107. enclosure, 108. packaging

109. Human beings have a \_\_\_\_\_ lifespan, so we yearn for the idea of immortality.

*adj.* having a limit or restriction of size, time, etc.

110. Long-term exposure to \_\_\_\_\_ materials can result in serious health problems.

*adj.* capable of causing cancer or promoting tumor growth; cancer-causing

111. I missed the deadline due to a \_\_\_\_\_ in my memory.

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

112. The \_\_\_\_\_ of the coconut was removed to reveal the fruit inside.

*n.* the dry, outer covering of a seed, grain, or fruit, such as the shell of a nut or the skin of a corn kernel

113. It was an \_\_\_\_\_ mistake and caused significant harm to the company's reputation.

*adj.* outstandingly bad or shocking; conspicuously or outrageously bad or reprehensible

114. The farmer trucked in some fresh \_\_\_\_\_ to improve the fertility of his fields.

*n.* the upper layer of soil that contains most of the nutrients and organic matter and is important for plant growth and cultivation; a shallow, loose layer of soil that can be easily removed or displaced by wind, water, or other factors

115. Clouds form when water \_\_\_\_\_ rises to the upper atmosphere.

*n.* a mass of tiny liquid drops in the air

ANSWERS: 109. finite, 110. carcinogenic, 111. lapse, 112. husk, 113. egregious, 114. topsoil, 115. vapor

116. 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

117. \_\_\_\_\_ is the foundation of our economy.

*n.* the practice or science of cultivating the land or raising stock

118. The \_\_\_\_\_ system of the animal is also responsible for heat transportation.

*adj.* relating to the system that moves blood through the body, which includes the heart, arteries, and veins

119. I prefer using \_\_\_\_\_ razors because they are more convenient.

*adj.* designed to be used once and then thrown away

120. She is very \_\_\_\_\_ in her thoughts.

*adj.* based on or following traditional rules, standards, customs, etc.

121. This country faces problems in finding enough suitable \_\_\_\_\_ sites.

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

122. This company's \_\_\_\_\_ plant is an enormous facility.

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

123. We must consume dietary \_\_\_\_\_ to maintain good health.

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

ANSWERS: 116. process, 117. Agriculture, 118. circulatory, 119. disposable, 120. conventional, 121. landfill, 122. assembly, 123. fiber

124. His rude comments \_\_\_\_\_ many people at the party.

*v.* to cause someone to feel upset, angry, or annoyed

125. A \_\_\_\_\_ engineer is still in demand in many companies.

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

126. The \_\_\_\_\_ author had written over 20 books in just five years.

*adj.* producing many works, results, or offspring

127. \_\_\_\_\_ diamonds play an essential role as machine tool blades.

*adj.* made by combining chemical substances as opposed to being naturally occurring

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

*adj.* stupid or not sensible; very angry

129. The \_\_\_\_\_ of the mushroom spread through the soil, absorbing nutrients.

*n.* the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae

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

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

ANSWERS: 124. offended, 125. mechanical, 126. prolific, 127. Synthetic, 128. crazy, 129. mycelium, 130. transformed