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## Vocabulary Builder Reference from...

*Gabriel Kra: 5 promising factors propelling climate action | TED Talk*

[https://www.ted.com/talks/gabriel\\_kra\\_5\\_promising\\_factors\\_propelling\\_climate\\_action](https://www.ted.com/talks/gabriel_kra_5_promising_factors_propelling_climate_action)

### All Words

#### IMPORTANT

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## Session 1: Word List

### climate

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

*synonym*: atmosphere, weather, environment

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

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

### obvious

*adj.* easy to see, discover or understand

*synonym*: apparent, conspicuous, evident

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

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

### opportune

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

*synonym*: suitable, timely, practical

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

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

### motivate

*v.* to make someone want to do something, especially something that requires tremendous work and effort

*synonym*: boost, encourage, inspire

(1) **motivate** the students, (2) all ability to **motivate**

The ability to **motivate** people is a priceless asset.

## venture

*n.* a business project or activity that is risky or daring  
*synonym*: enterprise, undertaking, adventure

(1) **venture** capital, (2) a joint **venture**

The **venture** into the new market was risky, but it paid off.

## investor

*n.* someone who puts money or capital into something to gain financial returns

*synonym*: financier, banker, stockholder

(1) **investor** lawsuit, (2) a real estate **investor**

Institutional **investors** refrained from buying stocks amid the booming economy.

## invest

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

*synonym*: fund, sponsor, support

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

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

## tremendous

*adj.* very great in degree or extent or amount or impact; extremely good

*synonym*: enormous, giant, immense

(1) **tremendous** amount, (2) **tremendous** popularity

We had a **tremendous** time yesterday.

## emission

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

*synonym*: emanation, radiation, discharge

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

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

## policy

*n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or

individual to achieve a goal or objective

*synonym*: strategy, plan, guideline

(1) health **policy**, (2) foreign **policy**

The company's new **policy** on remote work has made it a more inclusive workplace.

## urgency

*n.* the quality of being very important and needing to be dealt with immediately

*synonym*: importance, importunity, urging

(1) **urgency** in the use of force, (2) matter of **urgency**

She departed hurriedly because of some significant **urgency** in their affairs.

## silicon

*n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers

(1) **silicon** wafer, (2) crystalline **silicon**

**Silicon** is the second most abundant element on earth after oxygen.

## valley

*n.* a long depression on the surface of the land, which typically contains a river

*synonym*: canyon, gorge, dale

(1) **valley** bottom, (2) basin-shaped **valley**

The **valley** had received a mild snowfall the previous week.

## shrug

*v.* to raise your shoulders and then drop them to say you do not know or are not interested

(1) **shrug** off the importance, (2) **shrug** his shoulders sadly

I respect her ability to **shrug** off harsh criticism.

## massive

*adj.* enormous amount; very heavy and solid

*synonym*: enormous, giant, immense

(1) **massive** amounts, (2) **massive** stars

The recent economic downturn has resulted in **massive**

layoffs.

## entrepreneur

*n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks

*synonym*: founder, executive

(1) a successful **entrepreneur**, (2) billionaire **entrepreneur**  
**Entrepreneurs** willingly accept business risks to achieve success.

## bunch

*n.* a grouping of several similar things which are growing or fastened together

*synonym*: group, assemblage, bundle

(1) a **bunch** of trees, (2) a **bunch** of schoolgirls  
One bad apple spoils the whole **bunch**.

## transport

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

*synonym*: shipment, transit, conveyance

(1) **transport** facilities, (2) access to public **transport**  
Enhanced rail **transportation** is crucial for our business.

## accelerate

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

*synonym*: speed up, quicken, rev

(1) **accelerate** a chemical reaction, (2) **accelerate** the car  
The government tried to **accelerate** the commercialization of this development.

## recession

*n.* a period of economic decline, typically lasting for six months or more, during which trade and industrial activity decrease, and unemployment increases

*synonym*: downturn, slump, contraction

(1) **recession** period, (2) recover from a **recession**  
The country is facing a **recession**, with high unemployment and low GDP.

## technological

*adj.* based on scientific and industrial progress

*synonym* : specialized, technical

(1) **technological** advancement, (2) **technological** policy

**Technological** advances have disrupted many industries.

## string

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

*synonym* : line, wire, rope

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

**strings**

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

## naive

*adj.* showing unaffected simplicity and lack of experience, wisdom, or judgment

*synonym* : innocent, unsophisticated, gullible

(1) **naive** belief, (2) **naive** mistake

The con artist's lies quickly took in the **naive** young man.

## generation

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

*synonym* : cohort, age group, era

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

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

## underestimate

*v.* to think or suppose that a quantity, price, or size is smaller than it is

*synonym* : underrate, misjudge, miscalculate

(1) **underestimate** an enemy, (2) **underestimate** the probability

They frequently **underestimated** their abilities and felt inferior.

## disrupt

*v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

*synonym* : interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep  
I'm so sorry to **disrupt** you when you're pretty busy.

## entrenched

*adj.* established firmly and securely

*synonym*: deep-rooted, confirmed, ingrained

(1) **entrenched** ideas, (2) **entrenched** positions

The monarch exploited the peasants using its **entrenched** power.

## 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.

## optimistic

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

*synonym*: hopeful, auspicious, cheery

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

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

## economy

*n.* the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

*synonym*: finance, trade, business

(1) **economy** of scale, (2) **economy** class

The **economy** of the country is struggling due to the recent political instability.

## dominant

*adj.* more important, influential, or easy to notice than anything else of the same type

*synonym*: chief, predominant, prevailing

(1) achieve a **dominant** share, (2) **dominant** force

Her company soon won a **dominant** market share.

## fossil

*n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

*synonym* : relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

## coal

*n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

*synonym* : ember

(1) a **coal-fired** ship, (2) construction of new **coal** plants

We combust **coal** and other fossil fuels to generate electricity.

## fuel

*n.* a substance that is typically burned to generate heat or energy

*synonym* : energy, power, gas

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

The **fuel** scarcity most severely impacted the manufacturing sector

## prompt

*v.* to make someone decide to or try to do something, or to make something happen

*synonym* : actuate, inspire, incite

(1) **prompt** a feeling of hunger, (2) **prompt** a debate

That incident **prompted** a nationwide chain reaction regarding the crackdown on illegal groups.

## incredible

*adj.* unbelievable; enormous

*synonym* : unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

## decline

*v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept

*synonym* : descend, drop, deny

(1) **decline** a job offer, (2) **decline** in quality

As people age, their digestive capacity also gradually **declines**.

## electrify

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

*synonym* : wire, amaze, astonish

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

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

## 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.

## alternative

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

*synonym* : choice, option

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

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

## lithium

*n.* a soft, silvery-white metal that is highly reactive and used in batteries, alloy production, and medications for bipolar disorder

*synonym* : lithy, Li, salt

(1) **lithium** carbonate, (2) **lithium** mining

**Lithium-ion** batteries are commonly used in laptops, smartphones, and electric vehicles.



- ion** *n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons  
(1) **ion** channel, (2) rechargeable lithium- **ion** battery  
The increased concentration of **ion** of hydrogen ions in an aqueous solution makes it more acidic.
- battery** *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them  
*synonym*: electric cell, array, batch  
(1) a dry **battery**, (2) **battery** charging  
The engine did not start because the **battery** was flat.
- revolution** *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;  
*synonym*: coup, innovation, rebellion  
(1) beginning of the industrial **revolution**, (2) a political **revolution**  
The **revolution** by the citizen resulted in a redistribution of wealth.
- intelligence** *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons  
*synonym*: brains, brightness, cleverness  
(1) an **intelligence** test, (2) field of artificial **intelligence**  
In terms of **intelligence**, he was head and shoulders above his classmates.
- explore** *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it  
*synonym*: analyze, delve into, examine  
(1) **explore** the world, (2) **explore** our options  
The management must **explore** strategies to increase office security.

## develop

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

*synonym*: evolve, progress, advance

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

We must **develop** a new system to streamline our workflow and increase efficiency.

## unimaginable

*adj.* beyond what can be imagined or conceived; impossible to comprehend or envision

*synonym*: unthinkable, inconceivable, incredulous

(1) **unimaginable** horror, (2) **unimaginable** depths

The complexity of scientific theories was **unimaginable** for most people.

## software

*n.* a set of computer programs and associated documentation and data for doing particular computational jobs

*synonym*: program, system, operating system

(1) **software** architect, (2) copyrighted **software**

The company specializes in both hardware and **software**.

## optimize

*v.* to make the best or most effective use of something

*synonym*: advance, amend, improve

(1) **optimize** a process, (2) **optimize** control for cooling

The essence of economics is to **optimize** the allocation of limited resources.

## delivery

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

*synonym*: sending, transporting, bringing

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

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

## bioeconomy

*n.* the part of the economy concerned with the production of goods and services using biological resources and processes

(1) the nation's **bioeconomy**, (2) a cornerstone of the **bioeconomy**

The development of the **bioeconomy** is critical for the transition to a low-carbon, circular economy.

## gene

*n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

*synonym* : factor, cistron

(1) **gene** expression, (2) **gene** cloning

A defective **gene** is responsible for the disease.

## edit

*v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it

*synonym* : revise, modify, adjust

(1) **edit** a history book, (2) **edit** a video

I need to **edit** this document before submitting it to my boss.

## wheat

*n.* a cereal plant that is the most important kind grown in temperate countries, the grain of which is ground to make flour for bread, pasta, pastry, etc

*synonym* : grain, cereal

(1) harvesting **wheat**, (2) **wheat** crop

The farmer grew **wheat** on his land.

## soy

*n.* a legume plant that is widely cultivated for its edible bean, which has many uses, such as for oil, food, and animal feed

(1) **soy** allergy, (2) **soy** milk

Many people use **soy** sauce for sushi, stir-fries, and marinades.

## fertilizer

*n.* a natural or chemical substance added to soil to make plants grow more successfully

*synonym* : manure

(1) a chemical **fertilizer**, (2) nonsynthetic **fertilizer**

Nitrogen fixation by the Haber-Bosch method leads to the mass production of **fertilizers**.

## 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.

## carbon

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

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

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

## oxide

n. a chemical compound that contains at least one oxygen atom and one other element

(1) silver **oxide**, (2) combined **oxide**

The blood's red coloring comes from iron **oxide**.

## reverse

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

*synonym* : overturn, shift, switch

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

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

## pollution

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

*synonym* : corrosion, deterioration, corruption

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

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

## atmosphere

*n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

*synonym*: air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial

### **atmosphere**

The spaceship began to burn up as it approached the Earth's **atmosphere**.

## concrete

*adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement

*synonym*: actual, factual, hardened

(1) a **concrete** noun, (2) **concrete** examples

The president asked for a more **concrete** plan.

## steel

*n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure

*synonym*: iron

(1) magnetic **steel**, (2) **steel** beam

This bridge is the third largest **steel** bridge in the world.

## contribute

*v.* to give something, especially money or goods, to provide or achieve something together with other people

*synonym*: donate, devote, commit

(1) **contribute** a large sum of money to the fund,

(2) **contribute** to society

Government workers cannot **contribute** to political campaigns.

## 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.

## laminated

*n.* a material made by bonding together two or more layers of different materials, often used in furniture or flooring

*synonym*: veneer, coating, layer

(1) **laminated** flooring, (2) **laminated** table

The countertop in my kitchen is made of durable **laminated** material.

## mass

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

*synonym*: abundance, crowd, mob

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

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

## timber

*n.* the wood of trees cut and prepared for construction

*synonym*: wood, lumber, logs

(1) **timber** construction, (2) standing **timber**

The house uses sturdy **timber** and has withstood many storms.

## sequester

*v.* to take temporary possession of someone's property until a debt is paid.

*synonym*: isolate, set apart, segregate

(1) **sequester** ten percent of the annual carbon emissions,

(2) **sequester** myself from the world

He approved their requests to **sequester** the jury.

## elegant

*adj.* pleasing and graceful in appearance or manner, or showing good taste and refinement

*synonym*: refined, sophisticated, graceful

(1) **elegant** design, (2) write **elegant** sentences

She wore an **elegant** evening gown to the gala.

## chic

*n.* a fashionable, stylish, and sophisticated elegance or gracefulness, particularly in dress or behavior;  
(adjective) sophisticated, elegant, and fashionable

*synonym* : style, fashion, trend

(1) **chic** boutique, (2) casual **chic**

She's always dressed in the latest **chic**, making her the envy of her friends.

## invention

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

*synonym* : creation, design, innovation

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

Necessity is the mother of **invention**.

## clunky

*adj.* heavy, awkward, and old-fashioned; not graceful and clumsy in style, form, or movement

*synonym* : clumsy, bulky, burdensome

(1) **clunky** phrasing, (2) **clunky** robot

Refined character portrayal makes up for **clunky** gameplay.

## ugly

*adj.* unattractive in appearance; unpleasant to look at

*synonym* : unattractive, unsightly, repulsive

(1) an **ugly** sound, (2) **ugly** building

The **ugly** truth was that he had been lying to her for months.

## affordable

*adj.* not expensive and able to pay

*synonym* : cheap, reasonable, inexpensive

(1) **affordable** housing, (2) **affordable** solution

The automaker has been providing **affordable** car financing options since last year.

## shock

*n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

*synonym* : amazement, surprise, stunner

(1) death from **shock**, (2) **shock-resistant**

He got an electric **shock** at work.

## gasoline

*n.* a volatile flammable liquid obtained from petroleum, used mainly as a fuel in car engines, etc.

*synonym*: gas, petrol, fuel

(1) lead-free **gasoline**, (2) small **gasoline** engine

Luxury cars often require high-octane **gasoline** as fuel.

## panel

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

*synonym*: board, commission, discussion

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

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

## communal

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

*synonym*: collaborative, combined, collective

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

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

## ban

*v.* to officially or legally forbid or refuse to allow something

*synonym*: forbid, prohibit, restrict

(1) **ban** gender-related job discrimination, (2) **ban** any type of cloning

We should **ban** mildly violent video games from a child's development perspective.

## install

*v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position

*synonym*: establish, inaugurate, lodge

(1) **install** a door, (2) **install** a chairperson



The new president was **installed** immediately after the national election.

## uglify

*v.* to make something appear less attractive or appealing by altering its appearance or features, often in a deliberate or intentional manner

*synonym*: disfigure, deform, distort

(1) **uglify** the historical building, (2) **uglify** the overall user experience

The improper disposal of electronic waste has become a growing problem, as it has been known to **uglify** the surrounding areas with piles of discarded devices.

## symbol

*n.* something visible that is used to represent something else

*synonym*: mark, character, insignia

(1) **symbol** color, (2) **symbol** for happiness

The dragon is considered a **symbol** of bravery.

## mess

*n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy

*synonym*: disarray, confusion, predicament

(1) have a whole **mess**, (2) get into a **mess**

He made a frightful **mess** in his room.

## risky

*adj.* involving the possibility of danger, failure, or loss

*synonym*: dangerous, perilous, scary

(1) change **risky** behavior, (2) a **risky** enterprise

It is extremely **risky** to sail in such a storm.

## dedicate

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

*synonym*: consecrate, devote, commit

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

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

## utility

*n.* the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public

*synonym*: usefulness, practicality, utility

(1) **utility** costs, (2) marginal **utility**

The **utility** of the device was immediately apparent to all who saw it.

## encourage

*v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

*synonym*: facilitate, persuade, stimulate

(1) **encourage** a sense of affinity, (2) **encourage** antisocial behavior

They **encouraged** customers with a premium for loyal patronage.

## virtue

*n.* high moral standards in behavior or attitudes

*synonym*: integrity, probity, goodness

(1) **virtue** of frugality, (2) acquire a **virtue**

She had many good **virtues** and few faults.

## 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**.

## exhaustive

*adj.* comprehensive and thorough; totally complete; leaving no stone unturned

*synonym*: thorough, complete, comprehensive

(1) **exhaustive** study, (2) **exhaustive** review

The team conducted an **exhaustive** search for the missing

hiker, but unfortunately, she was never found.

## government

*n.* the group of people with authority to control a country or state

*synonym*: administration, regime, state

(1) **government** bureaucracy, (2) **government** funding

The federal **government** is planning to increase taxes for the next fiscal year.

## injustice

*n.* a violation of the rights of others or the laws of a society

*synonym*: unfairness, bias, discrimination

(1) gross **injustice**, (2) **injustice** system

The **injustice** of the court's decision angered many people and led to protests.

## engineer

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

*synonym*: architect, creator, builder

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

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

## emerge

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

*synonym*: arise, occur, appear

(1) **emerge** as a butterfly, (2) **emerge** from poverty

During colonial eras, new migratory patterns **emerged**.

## realistic

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

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

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

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

## pathway

*n.* a track that constitutes or serves as a path; an approach or a way of doing something

*synonym*: route, footpath, trail

(1) **pathway** to understanding, (2) cellular signaling **pathways**

When the first molecule in the **pathway** receives a signal, it activates other molecules.

## characteristic

*n.* a typical feature or quality that can identify, tell apart, or describe something or somebody

*synonym*: feature, quality, attribute

(1) stripes **characteristic** of the zebra, (2) my friend's **characteristic** laugh

Bananas have their **characteristic** taste and odor.

## combination

*n.* a collection of things that have been combined; an assemblage of separate parts or qualities

*synonym*: blend, hybrid, compounding

(1) genic **combinations**, (2) **combination** number

The **combination** to the safe was a secret.

## propel

*v.* to move, drive or push something forward or in a particular direction, often with a lot of force

*synonym*: drive, push, move

(1) **propel** growth, (2) **propel** the ship

An increase in employment helps **propel** economic growth.

## instance

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

*synonym*: example, sample, illustration

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

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

## hydrogen

*n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water

(1) **hydrogen** gas, (2) heavy **hydrogen**

The **hydrogen** and the oxygen react and then form water.

## storage

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

*synonym* : storehouse, depository, warehousing

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

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

## dispatch

*v.* to send someone or something somewhere for a particular purpose; to send a message or piece of information

*synonym* : send, release, kill

(1) **dispatch** soldiers, (2) **dispatch** a letter

The ambulance was **dispatched** to the scene of the accident.

## sensor

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

*synonym* : detector

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

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

## analytics

*n.* the systematic computational analysis of data or statistics; information resulting from this analysis

*synonym* : data analysis, statistics

(1) major in **analytics**, (2) **analytics** tools

Advanced **analytics** is helping the business to make better data-driven decisions.

## revolutionize

*v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas

*synonym* : transform, innovate, modernize

(1) **revolutionize** the industry, (2) **revolutionize** the technology

The invention of the smartphone **revolutionized** the way we communicate with each other.

## wicked

*adj.* morally bad or evil

*synonym* : evil, sinful, nefarious

(1) **wicked** thoughts, (2) **wicked** grin

The **wicked** witch cast a spell on the kingdom.

## mention

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

*synonym* : reference, allude, cite

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

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

## construct

*v.* to build or create something; to assemble or combine different parts to form something whole

*synonym* : build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam

He **constructs** hypotheses that no mathematician has ever imagined before.

## 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.

## mineral

*n.* a solid inorganic substance occurring in nature having a definite chemical composition

(1) vitamin and **minerals**, (2) **mineral** rights

The robust economy of the country is based on its **mineral** resources.

## chemical

*adj.* relating to or connected with chemistry;

*synonym* : chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

**drill** *n.* a tool or machine used for making round holes or driving fasteners; a training or practice  
*synonym*: exercise, routine, training  
(1) the **drill** hit the well, (2) fire **drill**  
Several military **drill** programs have become popular methods of exercise.

**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.

**emit** *v.* to give off or send out something such as light, heat, sound, gas, etc.  
*synonym*: give off, radiate, expel  
(1) **emit** a gamma ray, (2) **emit** air pollution  
During the unloading, the container box **emits** a clicking sound.

**multinational** *adj.* relating to or involving multiple countries or nationalities; having operations or business interests in multiple countries  
*synonym*: international, global, cross-border  
(1) **multinational** enterprise, (2) **multinational** team  
The **multinational** corporation has offices in over 30 countries.

**corporation** *n.* a large company or group of companies that are controlled together by law as a single unit  
*synonym*: business, company, enterprise  
(1) a public **corporation**, (2) **corporation** assets  
Four companies were amalgamated into a single **corporation**.

**reliable** *adj.* worthy of being relied on; trustworthy  
*synonym*: dependable, trustworthy, dedicated

(1) **reliable** access, (2) guarantee **reliable** delivery  
Trains are **reliable**, inexpensive, and ideal for long-distance travel.

## transparent

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

*synonym*: translucent, evident, diaphanous

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

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

## 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.

## refuse

*v.* to show that one is not willing to do or accept something

*synonym*: turn down, deny, decline

(1) **refuse** a request, (2) **refuse** the company

My initial reaction was to **refuse**.

## committed

*adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something

*synonym*: devoted, faithful, attached

(1) in a **committed** relationship, (2) strong and **committed** sales staff

Our company is strongly **committed** to meeting customers' needs.

## infrastructure

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

*synonym*: foundation, framework

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

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



maintenance.

## continent

*n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

*synonym*: landmass, (adjective) chaste, (adjective) pure

(1) the inland of a **continent**, (2) **continent** urinary diversion  
Flight across the **continent** was a daring adventure in its day.

## sustainable

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

*synonym*: continuable, enduring, tolerable

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

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

## attract

*v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones

*synonym*: lure, entice, draw in

(1) **attract** attention, (2) **attract** customers

The government is eager to **attract** international investment.

## catalyst

*n.* a person or thing that causes an important event to happen or changes the current situation rapidly; (chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself

*synonym*: accelerator, stimulant, motivation

(1) a **catalyst** in the process of hydrolysis, (2) **catalyst** for reform

The global financial crisis acted as a **catalyst** to unite the country.

## enterprise

*n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort

*synonym*: business, company, industry

(1) undertake an **enterprise**, (2) his business **enterprise**

A growing **enterprise** requires a bold leader.

## innovation

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

*synonym*: invention, initiation, creation

(1) **innovation** leader, (2) cutting-edge **innovation**

The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

## Session 2: Spelling

- |                                 |   |
|---------------------------------|---|
| 1. acquire a vi___e             | <i>n.</i> high moral standards in behavior or attitudes   |
| 2. ob____s reasons              | <i>adj.</i> easy to see, discover or understand   |
| 3. und_____ate the probability  | <i>v.</i> to think or suppose that a quantity, price, or size is smaller than it is   |
| 4. op____ze control for cooling | <i>v.</i> to make the best or most effective use of something   |
| 5. sus_____le alternative fuel  | <i>adj.</i> able to continue or be continued for a long time  |
| 6. a public cor_____on          | <i>n.</i> a large company or group of companies that are controlled together by law as a single unit  |
| 7. ex____e our options          | <i>v.</i> to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it |
| 8. ut____y costs                | <i>n.</i> the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public  |
| 9. biomass f__l                 | <i>n.</i> a substance that is typically burned to generate heat or energy   |
| 10. a tra_____nt lie            | <i>adj.</i> easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely                             |
| 11. genic com_____ons           | <i>n.</i> a collection of things that have been combined; an assemblage of separate parts or qualities  |

ANSWERS: 1. virtue, 2. obvious, 3. underestimate, 4. optimize, 5. sustainable, 6. corporation, 7. explore, 8. utility, 9. fuel, 10. transparent, 11. combination

12. standing ti\_\_\_r *n.* the wood of trees cut and prepared for construction
13. get into a m\_\_s *n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
14. the inland of a co\_\_\_\_\_nt *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
15. have a whole m\_\_s *n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
16. carbon dioxide in the atm\_\_\_\_\_re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
17. me\_\_\_\_\_n in a report *v.* to speak or write about something or someone briefly
18. a successful ent\_\_\_\_\_eur *n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks
19. crystalline si\_\_\_\_\_n *n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
20. critical m\_\_s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

ANSWERS: 12. timber, 13. mess, 14. continent, 15. mess, 16. atmosphere, 17. mention, 18. entrepreneur, 19. silicon, 20. mass

- |   |   |
|---|---|
| 21. a ch____al compound                         | <i>adj.</i> relating to or connected with chemistry;  |
| 22. eq__p our children with some special skills | <i>v.</i> to provide a person or a place with the things that are needed for a particular purpose or activity   |
| 23. va____y bottom                              | <i>n.</i> a long depression on the surface of the land, which typically contains a river  |
| 24. ca____n dioxide                             | <i>n.</i> a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals |
| 25. tense piano st____gs                        | <i>n.</i> long, thin material used for tying things together, composed of several twisted threads   |
| 26. a real estate in____or                      | <i>n.</i> someone who puts money or capital into something to gain financial returns  |
| 27. em____e from poverty                        | <i>v.</i> to move out of or away from something and become visible  |
| 28. st____re and function of the brain          | <i>n.</i> the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts   |
| 29. global em____ons of greenhouse gases        | <i>n.</i> the act of production or sending out gas, heat, light, etc.   |
| 30. e__t a gamma ray                            | <i>v.</i> to give off or send out something such as light, heat, sound, gas, etc.   |
| 31. a c__l-fired ship                           | <i>n.</i> a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat   |

ANSWERS: 21. chemical, 22. equip, 23. valley, 24. carbon, 25. string, 26. investor, 27. emerge, 28. structure, 29. emission, 30. emit, 31. coal

32. the cy\_\_e of the seasons *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
33. major in an \_\_\_\_\_cs *n.* the systematic computational analysis of data or statistics; information resulting from this analysis
34. burning of fo\_\_\_l fuels *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
35. pa\_\_l discussion *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
36. go to the workplace by cy\_\_e *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
37. com\_\_\_\_\_on number *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
38. a cornerstone of the bio\_\_\_\_\_my *n.* the part of the economy concerned with the production of goods and services using biological resources and processes
39. a dry ba\_\_\_\_\_y *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
40. el\_\_\_\_\_t design *adj.* pleasing and graceful in appearance or manner, or showing good taste and refinement

ANSWERS: 32. cycle, 33. analytics, 34. fossil, 35. panel, 36. cycle, 37. combination, 38. bioeconomy, 39. battery, 40. elegant

41. my friend's cha\_\_\_\_\_tic laugh      *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
42. op\_\_\_\_\_ne occasion      *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
43. official sta\_\_\_\_\_cs      *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
44. en\_\_\_\_\_ge antisocial behavior      *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
45. an int\_\_\_\_\_nce test      *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
46. inc\_\_\_\_\_le amount      *adj.* unbelievable; enormous
47. na\_\_e mistake      *adj.* showing unaffected simplicity and lack of experience, wisdom, or judgment
48. ca\_\_\_n emission      *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
49. cor\_\_\_\_\_on assets      *n.* a large company or group of companies that are controlled together by law as a single unit
50. wi\_\_\_d thoughts      *adj.* morally bad or evil

ANSWERS: 41. characteristic, 42. opportune, 43. statistics, 44. encourage, 45. intelligence, 46. incredible, 47. naive, 48. carbon, 49. corporation, 50. wicked

51. an image se\_\_\_r *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
52. heavy hy\_\_\_\_\_en *n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water
53. field of artificial int\_\_\_\_\_nce *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
54. ug\_\_\_y the overall user experience *v.* to make something appear less attractive or appealing by altering its appearance or features, often in a deliberate or intentional manner
55. eq\_\_\_p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
56. 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
57. ec\_\_\_\_\_y class *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
58. pa\_\_\_\_\_y to understanding *n.* a track that constitutes or serves as a path; an approach or a way of doing something

ANSWERS: 51. sensor, 52. hydrogen, 53. intelligence, 54. uglify, 55. equip, 56. structure, 57. economy, 58. pathway



59. sh\_\_k-resistant *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
60. en\_\_\_\_\_ge a sense of affinity *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
61. the em\_\_\_\_\_on of light *n.* the act of production or sending out gas, heat, light, etc.
62. tr\_\_\_\_\_rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
63. billionaire ent\_\_\_\_\_eur *n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks
64. casual c\_\_c *n.* a fashionable, stylish, and sophisticated elegance or gracefulness, particularly in dress or behavior; (adjective) sophisticated, elegant, and fashionable
65. marginal ut\_\_\_\_\_y *n.* the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public
66. wi\_\_\_d grin *adj.* morally bad or evil
67. recover from a re\_\_\_\_\_on *n.* a period of economic decline, typically lasting for six months or more, during which trade and industrial activity decrease, and unemployment increases

ANSWERS: 59. shock, 60. encourage, 61. emission, 62. transport, 63. entrepreneur, 64. chic, 65. utility, 66. wicked, 67. recession

68. di\_\_\_\_t a well-ordered condition      *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
69. an easy de\_\_\_\_ry      *n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth
70. cost of solar pa\_\_ls      *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
71. wh\_\_t crop      *n.* a cereal plant that is the most important kind grown in temperate countries, the grain of which is ground to make flour for bread, pasta, pastry, etc
72. c\_\_c boutique      *n.* a fashionable, stylish, and sophisticated elegance or gracefulness, particularly in dress or behavior; (adjective) sophisticated, elegant, and fashionable
73. combined ox\_\_e      *n.* a chemical compound that contains at least one oxygen atom and one other element
74. co\_\_\_\_nt urinary diversion      *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
75. a political rev\_\_\_\_on      *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;

ANSWERS: 68. disrupt, 69. delivery, 70. panel, 71. wheat, 72. chic, 73. oxide, 74. continent, 75. revolution

76. exh\_\_\_\_\_ve study *adj.* comprehensive and thorough; totally complete; leaving no stone unturned
77. beginning of the industrial rev\_\_\_\_\_on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
78. copyrighted so\_\_\_\_\_re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
79. g\_\_e cloning *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
80. a fo\_\_\_l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
81. a ri\_\_y enterprise *adj.* involving the possibility of danger, failure, or loss
82. sh\_\_g off the importance *v.* to raise your shoulders and then drop them to say you do not know or are not interested
83. ent\_\_\_\_\_ed positions *adj.* established firmly and securely
84. sy\_\_\_l for happiness *n.* something visible that is used to represent something else
85. la\_\_\_\_\_te flooring *n.* a material made by bonding together two or more layers of different materials, often used in furniture or flooring
86. he is opt\_\_\_\_\_ic *adj.* hoping or expecting that good thing will happen or something will be successful

ANSWERS: 76. exhaustive, 77. revolution, 78. software, 79. gene, 80. fossil, 81. risky, 82. shrug, 83. entrenched, 84. symbol, 85. laminate, 86. optimistic

87. undertake an ent\_\_\_\_\_se      *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
88. re\_\_\_\_\_e the order      *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
89. cellular signaling pa\_\_\_\_\_ys      *n.* a track that constitutes or serves as a path; an approach or a way of doing something
90. sh\_\_g his shoulders sadly      *v.* to raise your shoulders and then drop them to say you do not know or are not interested
91. me\_\_\_\_\_n name      *v.* to speak or write about something or someone briefly
92. a chemical fer\_\_\_\_\_er      *n.* a natural or chemical substance added to soil to make plants grow more successfully
93. re\_\_\_e a request      *v.* to show that one is not willing to do or accept something
94. access to public tr\_\_\_\_\_rt      *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
95. ma\_\_\_\_\_e stars      *adj.* enormous amount; very heavy and solid
96. mul\_\_\_\_\_nal enterprise      *adj.* relating to or involving multiple countries or nationalities; having operations or business interests in multiple countries
97. environmental po\_\_\_\_\_on      *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change

ANSWERS: 87. enterprise, 88. reverse, 89. pathway, 90. shrug, 91. mention, 92. fertilizer, 93. refuse, 94. transport, 95. massive, 96. multinational, 97. pollution

98. co\_\_\_\_\_al swimming pool      *adj.* belonging to or used by a group rather than individuals; for common use
99. re\_\_\_e the company      *v.* to show that one is not willing to do or accept something
100. an\_\_\_\_\_cs tools      *n.* the systematic computational analysis of data or statistics; information resulting from this analysis
101. de\_\_\_\_\_te a chapter to the subject      *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
102. a civil en\_\_\_\_\_er      *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
103. at\_\_\_\_\_t customers      *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
104. foreign po\_\_\_\_y      *n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
105. opt\_\_\_\_\_ic outlook      *adj.* hoping or expecting that good thing will happen or something will be successful
106. mul\_\_\_\_\_nal team      *adj.* relating to or involving multiple countries or nationalities; having operations or business interests in multiple countries

ANSWERS: 98. communal, 99. refuse, 100. analytics, 101. dedicate, 102. engineer, 103. attract, 104. policy, 105. optimistic, 106. multinational

107. at\_\_\_\_\_t attention *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
108. u\_\_y building *adj.* unattractive in appearance; unpleasant to look at
109. silver ox\_\_e *n.* a chemical compound that contains at least one oxygen atom and one other element
110. in\_\_\_\_\_or lawsuit *n.* someone who puts money or capital into something to gain financial returns
111. construction of new c\_\_l plants *n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
112. i\_n channel *n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
113. re\_\_\_\_\_le access *adj.* worthy of being relied on; trustworthy
114. basin-shaped va\_\_\_\_y *n.* a long depression on the surface of the land, which typically contains a river
115. lead-free ga\_\_\_\_\_ne *n.* a volatile flammable liquid obtained from petroleum, used mainly as a fuel in car engines, etc.
116. em\_\_\_e as a butterfly *v.* to move out of or away from something and become visible
117. there is no other alt\_\_\_\_\_ve *n.* one of two or more available possibilities or choice

ANSWERS: 107. attract, 108. ugly, 109. oxide, 110. investor, 111. coal, 112. ion, 113. reliable, 114. valley, 115. gasoline, 116. emerge, 117. alternative

118. rev\_\_\_\_\_ize the technology      *v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas
119. all ability to mo\_\_\_\_\_te      *v.* to make someone want to do something, especially something that requires tremendous work and effort
120. ex\_\_\_\_\_e the world      *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
121. a m\_\_s of molten rock      *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
122. the nation's bio\_\_\_\_\_my      *n.* the part of the economy concerned with the production of goods and services using biological resources and processes
123. pr\_\_\_\_l the ship      *v.* to move, drive or push something forward or in a particular direction, often with a lot of force
124. matter of ur\_\_\_\_\_y      *n.* the quality of being very important and needing to be dealt with immediately
125. co\_\_\_\_\_al combination of funds      *adj.* belonging to or used by a group rather than individuals; for common use
126. aff\_\_\_\_\_le solution      *adj.* not expensive and able to pay
127. st\_\_\_\_\_e at low temperature      *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

ANSWERS: 118. revolutionize, 119. motivate, 120. explore, 121. mass, 122. bioeconomy, 123. propel, 124. urgency, 125. communal, 126. affordable, 127. storage

128. pr\_\_\_t a debate *v.* to make someone decide to or try to do something, or to make something happen
129. ind\_\_\_\_\_us student *adj.* hardworking, diligent, and persistent in effort
130. di\_\_\_\_\_t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
131. a st\_\_\_\_\_e battery *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
132. guarantee re\_\_\_\_\_le delivery *adj.* worthy of being relied on; trustworthy
133. b\_n gender-related job discrimination *v.* to officially or legally forbid or refuse to allow something
134. health po\_\_\_\_y *n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
135. small ga\_\_\_\_\_ne engine *n.* a volatile flammable liquid obtained from petroleum, used mainly as a fuel in car engines, etc.
136. tre\_\_\_\_\_us popularity *adj.* very great in degree or extent or amount or impact; extremely good

ANSWERS: 128. prompt, 129. industrious, 130. disrupt, 131. storage, 132. reliable, 133. ban, 134. policy, 135. gasoline, 136. tremendous



137. gov\_\_\_\_\_nt bureaucracy *n.* the group of people with authority to control a country or state
138. strong and co\_\_\_\_\_ed sales staff *adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something
139. en\_\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
140. inf\_\_\_\_\_ure cost *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
141. in\_\_\_\_\_l a door *v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
142. st\_\_l beam *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
143. his business ent\_\_\_\_\_se *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
144. notable in\_\_\_\_\_ce *n.* a particular example or single occurrence of something
145. so\_\_\_\_\_re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
146. effects of cl\_\_\_\_\_e change *n.* the weather in a particular location averaged over some long period

ANSWERS: 137. government, 138. committed, 139. engineer, 140. infrastructure, 141. install, 142. steel, 143. enterprise, 144. instance, 145. software, 146. climate

147. cl\_\_\_y phrasing *adj.* heavy, awkward, and old-fashioned; not graceful and clumsy in style, form, or movement
148. con\_\_\_\_\_te to society *v.* to give something, especially money or goods, to provide or achieve something together with other people
149. the gen\_\_\_\_\_on of electricity *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
150. e\_\_t a history book *v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
151. ba\_\_\_\_\_y charging *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
152. tec\_\_\_\_\_cal policy *adj.* based on scientific and industrial progress
153. 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
154. magnetic st\_\_\_l *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
155. ma\_\_\_\_\_e amounts *adj.* enormous amount; very heavy and solid
156. s\_y milk *n.* a legume plant that is widely cultivated for its edible bean, which has many uses, such as for oil, food, and animal feed

ANSWERS: 147. clunky, 148. contribute, 149. generation, 150. edit, 151. battery, 152. technological, 153. planet, 154. steel, 155. massive, 156. soy

157. ab\_\_\_b a shock *v.* to take in a fluid or other substance gradually
158. de\_\_\_\_\_e in quality *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
159. sy\_\_\_l color *n.* something visible that is used to represent something else
160. death from sh\_\_k *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
161. smokeless f\_\_l *n.* a substance that is typically burned to generate heat or energy
162. in\_\_\_\_\_ce system *n.* a violation of the rights of others or the laws of a society
163. gov\_\_\_\_\_nt funding *n.* the group of people with authority to control a country or state
164. el\_\_\_\_\_fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
165. ti\_\_\_r construction *n.* the wood of trees cut and prepared for construction
166. di\_\_\_\_\_ch soldiers *v.* to send someone or something somewhere for a particular purpose; to send a message or piece of information
167. vi\_\_\_e of frugality *n.* high moral standards in behavior or attitudes
168. ca\_\_\_\_\_st for reform *n.* a person or thing that causes an important event to happen or changes the current situation rapidly; (chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself

ANSWERS: 157. absorb, 158. decline, 159. symbol, 160. shock, 161. fuel, 162. injustice, 163. government, 164. electrify, 165. timber, 166. dispatch, 167. virtue, 168. catalyst

169. stripes cha\_\_\_\_\_tic of the zebra *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
170. li\_\_\_\_\_n carbonate *n.* a soft, silvery-white metal that is highly reactive and used in batteries, alloy production, and medications for bipolar disorder
171. a bu\_\_h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
172. si\_\_\_\_\_n wafer *n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
173. ab\_\_\_b energy *v.* to take in a fluid or other substance gradually
174. re\_\_\_\_\_e the trend *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
175. rev\_\_\_\_\_ize the industry *v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas
176. mi\_\_\_\_\_l rights *n.* a solid inorganic substance occurring in nature having a definite chemical composition
177. g\_\_e expression *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

ANSWERS: 169. characteristic, 170. lithium, 171. bunch, 172. silicon, 173. absorb, 174. reverse, 175. revolutionize, 176. mineral, 177. gene

178. a co\_\_\_\_\_te noun *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
179. sta\_\_\_\_\_cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
180. de\_\_\_\_\_p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
181. high levels of air po\_\_\_\_\_on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
182. a joint ve\_\_\_\_\_e *n.* a business project or activity that is risky or daring
183. the in\_\_\_\_\_on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
184. a ca\_\_\_\_\_st in the process of hydrolysis *n.* a person or thing that causes an important event to happen or changes the current situation rapidly; (chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself
185. gross in\_\_\_\_\_ce *n.* a violation of the rights of others or the laws of a society
186. gen\_\_\_\_\_on gap *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity

ANSWERS: 178. concrete, 179. statistics, 180. develop, 181. pollution, 182. venture, 183. invention, 184. catalyst, 185. injustice, 186. generation

187. aff\_\_\_\_\_le housing *adj.* not expensive and able to pay
188. tre\_\_\_\_\_us amount *adj.* very great in degree or extent or amount or impact; extremely good
189. do\_\_\_\_\_nt force *adj.* more important, influential, or easy to notice than anything else of the same type
190. in\_\_\_\_t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
191. change ri\_\_y behavior *adj.* involving the possibility of danger, failure, or loss
192. acc\_\_\_\_\_te a chemical reaction *v.* to make something faster or earlier; to cause to develop or progress more quickly
193. mo\_\_\_\_\_te the students *v.* to make someone want to do something, especially something that requires tremendous work and effort
194. uni\_\_\_\_\_ble horror *adj.* beyond what can be imagined or conceived; impossible to comprehend or envision
195. write el\_\_\_\_\_t sentences *adj.* pleasing and graceful in appearance or manner, or showing good taste and refinement
196. 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
197. e\_\_t a video *v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it

ANSWERS: 187. affordable, 188. tremendous, 189. dominant, 190. invest, 191. risky, 192. accelerate, 193. motivate, 194. unimaginable, 195. elegant, 196. planet, 197. edit

198. cl\_\_\_y robot *adj.* heavy, awkward, and old-fashioned; not graceful and clumsy in style, form, or movement
199. achieve a do\_\_\_\_\_nt share *adj.* more important, influential, or easy to notice than anything else of the same type
200. tra\_\_\_\_\_nt crystal *adj.* easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely
201. con\_\_\_\_\_te a large sum of money to the fund *v.* to give something, especially money or goods, to provide or achieve something together with other people
202. co\_\_\_\_\_ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
203. ent\_\_\_\_\_ed ideas *adj.* established firmly and securely
204. a convivial atm\_\_\_\_\_re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
205. an u\_\_y sound *adj.* unattractive in appearance; unpleasant to look at
206. fire dr\_\_l *n.* a tool or machine used for making round holes or driving fasteners; a training or practice
207. pr\_\_\_t a feeling of hunger *v.* to make someone decide to or try to do something, or to make something happen
208. ind\_\_\_\_\_us worker *adj.* hardworking, diligent, and persistent in effort

ANSWERS: 198. clunky, 199. dominant, 200. transparent, 201. contribute, 202. construct, 203. entrenched, 204. atmosphere, 205. ugly, 206. drill, 207. prompt, 208. industrious

209. motion se___r lighting	<i>n.</i>	a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
210. tec_____cal advancement	<i>adj.</i>	based on scientific and industrial progress
211. retie the st___g and make it strong	<i>n.</i>	long, thin material used for tying things together, composed of several twisted threads
212. und_____ate an enemy	<i>v.</i>	to think or suppose that a quantity, price, or size is smaller than it is
213. ug___y the historical building	<i>v.</i>	to make something appear less attractive or appealing by altering its appearance or features, often in a deliberate or intentional manner
214. in___t capital	<i>v.</i>	to put money, effort, time, etc. into something to make a profit or achieve a result
215. a re_____ic goal	<i>adj.</i>	having or showing a sensible and practical idea that is possible to achieve
216. principles of sus_____le development	<i>adj.</i>	able to continue or be continued for a long time
217. an op_____ne remark	<i>adj.</i>	suitable or happening at a time that is suitable or convenient for a particular purpose
218. acc_____te the car	<i>v.</i>	to make something faster or earlier; to cause to develop or progress more quickly
219. na__e belief	<i>adj.</i>	showing unaffected simplicity and lack of experience, wisdom, or judgment

ANSWERS: 209. sensor, 210. technological, 211. string, 212. underestimate, 213. uglify, 214. invest, 215. realistic, 216. sustainable, 217. opportune, 218. accelerate, 219. naive



220. vitamin and mi\_\_\_\_\_ls *n.* a solid inorganic substance occurring in nature having a definite chemical composition
221. di\_\_\_\_\_ch a letter *v.* to send someone or something somewhere for a particular purpose; to send a message or piece of information
222. 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
223. co\_\_\_\_\_te examples *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
224. exh\_\_\_\_\_ve review *adj.* comprehensive and thorough; totally complete; leaving no stone unturned
225. harvesting wh\_\_t *n.* a cereal plant that is the most important kind grown in temperate countries, the grain of which is ground to make flour for bread, pasta, pastry, etc
226. se\_\_\_\_\_er ten percent of the annual carbon emissions *v.* to take temporary possession of someone's property until a debt is paid.
227. se\_\_\_\_\_er myself from the world *v.* to take temporary possession of someone's property until a debt is paid.
228. his conclusion was ob\_\_\_\_\_s *adj.* easy to see, discover or understand
229. toxic ch\_\_\_\_\_als *adj.* relating to or connected with chemistry;
230. de\_\_\_\_\_te a few hours *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

ANSWERS: 220. mineral, 221. dispatch, 222. recycle, 223. concrete, 224. exhaustive, 225. wheat, 226. sequester, 227. sequester, 228. obvious, 229. chemical, 230. dedicate

231. nonsynthetic fer\_\_\_\_\_er *n.* a natural or chemical substance added to soil to make plants grow more successfully
232. la\_\_\_\_\_te table *n.* a material made by bonding together two or more layers of different materials, often used in furniture or flooring
233. a cold cl\_\_\_\_\_e *n.* the weather in a particular location averaged over some long period
234. common in\_\_\_\_\_on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
235. inn\_\_\_\_\_on leader *n.* the creation of a new device or process resulting from study and experimentation
236. el\_\_\_\_\_fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
237. in\_\_\_\_\_l a chairperson *v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
238. hy\_\_\_\_\_en gas *n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water
239. op\_\_\_\_\_ze a process *v.* to make the best or most effective use of something
240. re\_\_\_\_\_on period *n.* a period of economic decline, typically lasting for six months or more, during which trade and industrial activity decrease, and unemployment increases

ANSWERS: 231. fertilizer, 232. laminate, 233. climate, 234. invention, 235. innovation, 236. electrify, 237. install, 238. hydrogen, 239. optimize, 240. recession

241. IT inf\_\_\_\_\_ure *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
242. ur\_\_\_\_\_y in the use of force *n.* the quality of being very important and needing to be dealt with immediately
243. e\_\_t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
244. s\_y allergy *n.* a legume plant that is widely cultivated for its edible bean, which has many uses, such as for oil, food, and animal feed
245. co\_\_\_\_\_ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole
246. b\_n any type of cloning *v.* to officially or legally forbid or refuse to allow something
247. rechargeable lithium-i\_n battery *n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
248. re\_\_\_\_\_e the cardboard boxes *v.* to sort and collect things to process them and produce valuable materials that can be used again
249. in a co\_\_\_\_\_ed relationship *adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something
250. li\_\_\_\_\_m mining *n.* a soft, silvery-white metal that is highly reactive and used in batteries, alloy production, and medications for bipolar disorder

ANSWERS: 241. infrastructure, 242. urgency, 243. emit, 244. soy, 245. construct, 246. ban, 247. ion, 248. recycle, 249. committed, 250. lithium

251. de\_\_\_\_e a job offer      *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
252. at inc\_\_\_\_\_le speed      *adj.* unbelievable; enormous
253. ec\_\_\_\_\_y of scale      *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
254. for in\_\_\_\_\_ce      *n.* a particular example or single occurrence of something
255. uni\_\_\_\_\_ble depths      *adj.* beyond what can be imagined or conceived; impossible to comprehend or envision
256. the dr\_\_l hit the well      *n.* a tool or machine used for making round holes or driving fasteners; a training or practice
257. a bu\_\_h of trees      *n.* a grouping of several similar things which are growing or fastened together
258. de\_\_\_\_\_p a skill      *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
259. cutting-edge inn\_\_\_\_\_on      *n.* the creation of a new device or process resulting from study and experimentation

ANSWERS: 251. decline, 252. incredible, 253. economy, 254. instance, 255. unimaginable, 256. drill, 257. bunch, 258. develop, 259. innovation

- |                        |           |   |
|------------------------|-----------|---|
| 260. pr___l growth     | <i>v.</i> | to move, drive or push something forward or in a particular direction, often with a lot of force  |
| 261. an alt____ve plan | <i>n.</i> | one of two or more available possibilities or choice  |
| 262. ve____e capital   | <i>n.</i> | a business project or activity that is risky or daring  |
| 263. special de____ry  | <i>n.</i> | the act of taking or sending something to a destination; the bringing of a baby during childbirth |

ANSWERS: 260. propel, 261. alternative, 262. venture, 263. delivery

## Session 3: Fill in the Blanks

1. 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
2. She had many good \_\_\_\_\_ and few faults.  
*n.* high moral standards in behavior or attitudes
3. There are \_\_\_\_\_ differences between the two wine-producing regions.  
*adj.* easy to see, discover or understand
4. He was known to be very \_\_\_\_\_ and would often work late into the night.  
*adj.* hardworking, diligent, and persistent in effort
5. The \_\_\_\_\_ witch cast a spell on the kingdom.  
*adj.* morally bad or evil
6. The \_\_\_\_\_ scarcity most severely impacted the manufacturing sector  
*n.* a substance that is typically burned to generate heat or energy
7. The \_\_\_\_\_ demonstrate that poverty and unemployment are genuine problems.  
*n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
8. The focus of these initiatives is to make the financial system more \_\_\_\_\_.  
*adj.* easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely

ANSWERS: 1. recycle, 2. virtues, 3. obvious, 4. industrious, 5. wicked, 6. fuel, 7. statistics, 8. transparent

9. The sponge \_\_\_\_\_ water well.
- v. to take in a fluid or other substance gradually
10. \_\_\_\_\_ is the second most abundant element on earth after oxygen.
- n. a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
11. The vegetarian burger was an \_\_\_\_\_ that quickly spread to the United Kingdom.
- n. the creation of a new device or process resulting from study and experimentation
12. We should \_\_\_\_ mildly violent video games from a child's development perspective.
- v. to officially or legally forbid or refuse to allow something
13. We must \_\_\_\_\_ a new system to streamline our workflow and increase efficiency.
- v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
14. The \_\_\_\_\_ of the country is struggling due to the recent political instability.
- n. the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
15. This automatic door could no longer be opened due to a \_\_\_\_\_ failure.
- n. a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

ANSWERS: 9. absorbs, 10. Silicon, 11. innovation, 12. ban, 13. develop, 14. economy, 15. sensor

16. Government workers cannot \_\_\_\_\_ to political campaigns.  
*v.* to give something, especially money or goods, to provide or achieve something together with other people
17. Trains are \_\_\_\_\_ inexpensive, and ideal for long-distance travel.  
*adj.* worthy of being relied on; trustworthy
18. The \_\_\_\_\_ into the new market was risky, but it paid off.  
*n.* a business project or activity that is risky or daring
19. That story was so \_\_\_\_\_ and it was scary.  
*adj.* having or showing a sensible and practical idea that is possible to achieve
20. The automaker has been providing \_\_\_\_\_ car financing options since last year.  
*adj.* not expensive and able to pay
21. The increased concentrat\_\_\_\_ of hydrogen ions in an aqueous solution makes it more acidic.  
*n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
22. He got an electric \_\_\_\_\_ at work.  
*n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
23. The restaurant \_\_\_\_\_ a ban on smoking.  
*v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

ANSWERS: 16. contribute, 17. reliable, 18. venture, 19. realistic, 20. affordable, 21. ion, 22. shock, 23. reversed



24. The robust economy of the country is based on its \_\_\_\_\_ resources.
- n.* a solid inorganic substance occurring in nature having a definite chemical composition
25. My initial reaction was to \_\_\_\_\_.
- v.* to show that one is not willing to do or accept something
26. The complexity of scientific theories was \_\_\_\_\_ for most people.
- adj.* beyond what can be imagined or conceived; impossible to comprehend or envision
27. 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
28. \_\_\_\_\_ willingly accept business risks to achieve success.
- n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks
29. The government tried to \_\_\_\_\_ the commercialization of this development.
- v.* to make something faster or earlier; to cause to develop or progress more quickly
30. Institutional \_\_\_\_\_ refrained from buying stocks amid the booming economy.
- n.* someone who puts money or capital into something to gain financial returns
31. The \_\_\_\_\_ of people who do not own property is politically impotent.
- n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

ANSWERS: 24. mineral, 25. refuse, 26. unimaginable, 27. equipped, 28. Entrepreneurs, 29. accelerate, 30. investors, 31. mass

32. The government is eager to \_\_\_\_\_ international investment.  
*v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
33. The \_\_\_\_\_ to the safe was a secret.  
*n.* a collection of things that have been combined; an assemblage of separate parts or qualities
34. Flight across the \_\_\_\_\_ was a daring adventure in its day.  
*n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
35. The recent economic downturn has resulted in \_\_\_\_\_ layoffs.  
*adj.* enormous amount; very heavy and solid
36. \_\_\_\_\_ elections were held in several European countries.  
*adj.* belonging to or used by a group rather than individuals; for common use
37. The house uses sturdy \_\_\_\_\_ and has withstood many storms.  
*n.* the wood of trees cut and prepared for construction
38. Refined character portrayal makes up for \_\_\_\_\_ gameplay.  
*adj.* heavy, awkward, and old-fashioned; not graceful and clumsy in style, form, or movement
39. 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: 32. attract, 33. combination, 34. continent, 35. massive, 36. Communal, 37. timber, 38. clunky, 39. planet

40. She's always dressed in the latest \_\_\_\_\_ making her the envy of her friends.  
*n.* a fashionable, stylish, and sophisticated elegance or gracefulness, particularly in dress or behavior; (adjective) sophisticated, elegant, and fashionable
41. They frequently \_\_\_\_\_ their abilities and felt inferior.  
*v.* to think or suppose that a quantity, price, or size is smaller than it is
42. During colonial eras, new migratory patterns \_\_\_\_\_.  
*v.* to move out of or away from something and become visible
43. In terms of \_\_\_\_\_ he was head and shoulders above his classmates.  
*n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
44. It is extremely \_\_\_\_\_ to sail in such a storm.  
*adj.* involving the possibility of danger, failure, or loss
45. Four companies were amalgamated into a single \_\_\_\_\_.  
*n.* a large company or group of companies that are controlled together by law as a single unit
46. They \_\_\_\_\_ customers with a premium for loyal patronage.  
*v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
47. The \_\_\_\_\_ corporation has offices in over 30 countries.  
*adj.* relating to or involving multiple countries or nationalities; having operations or business interests in multiple countries

ANSWERS: 40. chic, 41. underestimated, 42. emerged, 43. intelligence, 44. risky, 45. corporation, 46. encouraged, 47. multinational

48. The management must \_\_\_\_\_ strategies to increase office security.
- v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
49. As people age, their digestive capacity also gradually \_\_\_\_\_.
- v. to become gradually smaller, fewer, worse, etc.; to refuse to accept
50. An increase in employment helps \_\_\_\_\_ economic growth.
- v. to move, drive or push something forward or in a particular direction, often with a lot of force
51. The global financial crisis acted as a \_\_\_\_\_ to unite the country.
- n. a person or thing that causes an important event to happen or changes the current situation rapidly; (chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself
52. The blood's red coloring comes from iron \_\_\_\_\_.
- n. a chemical compound that contains at least one oxygen atom and one other element
53. One bad apple spoils the whole \_\_\_\_\_.
- n. a grouping of several similar things which are growing or fastened together
54. The monarch exploited the peasants using its \_\_\_\_\_ power.
- adj. established firmly and securely
55. Necessity is the mother of \_\_\_\_\_.
- n. the creation of a new device or process resulting from study and experimentation; the act of inventing

ANSWERS: 48. explore, 49. declines, 50. propel, 51. catalyst, 52. oxide, 53. bunch, 54. entrenched, 55. invention

56. Many people use \_\_\_\_ sauce for sushi, stir-fries, and marinades.
- n.* a legume plant that is widely cultivated for its edible bean, which has many uses, such as for oil, food, and animal feed
57. A \_\_\_\_\_ of economic advisers from the United States visited the country to help rebuild its economy.
- n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
58. The dragon is considered a \_\_\_\_\_ of bravery.
- n.* something visible that is used to represent something else
59. That incident \_\_\_\_\_ a nationwide chain reaction regarding the crackdown on illegal groups.
- v.* to make someone decide to or try to do something, or to make something happen
60. The spaceship began to burn up as it approached the Earth's \_\_\_\_\_.
- n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
61. The phone rang at the most \_\_\_\_\_ time.
- adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
62. Her company soon won a \_\_\_\_\_ market share.
- adj.* more important, influential, or easy to notice than anything else of the same type

ANSWERS: 56. soy, 57. panel, 58. symbol, 59. prompted, 60. atmosphere, 61. opportune, 62. dominant

63. The government should view children as national assets and actively \_\_\_\_\_ in them.
- v.* to put money, effort, time, etc. into something to make a profit or achieve a result
64. The \_\_\_\_\_ of the court's decision angered many people and led to protests.
- n.* a violation of the rights of others or the laws of a society
65. Most executives were \_\_\_\_\_ about future business conditions.
- adj.* hoping or expecting that good thing will happen or something will be successful
66. I respect her ability to \_\_\_\_\_ off harsh criticism.
- v.* to raise your shoulders and then drop them to say you do not know or are not interested
67. The president asked for a more \_\_\_\_\_ plan.
- adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
68. A defective \_\_\_\_\_ is responsible for the disease.
- n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
69. The essence of economics is to \_\_\_\_\_ the allocation of limited resources.
- v.* to make the best or most effective use of something
70. The food chain causes a material \_\_\_\_\_.
- n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

ANSWERS: 63. invest, 64. injustice, 65. optimistic, 66. shrug, 67. concrete, 68. gene, 69. optimize, 70. cycle

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

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

72. Luxury cars often require high-octane \_\_\_\_\_ as fuel.

- n.* a volatile flammable liquid obtained from petroleum, used mainly as a fuel in car engines, etc.

73. The development of the \_\_\_\_\_ is critical for the transition to a low-carbon, circular economy.

- n.* the part of the economy concerned with the production of goods and services using biological resources and processes

74. There are five distinct \_\_\_\_\_ at five unique wavelengths.

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

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

- adj.* based on scientific and industrial progress

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

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

77. The con artist's lies quickly took in the \_\_\_\_\_ young man.

- adj.* showing unaffected simplicity and lack of experience, wisdom, or judgment

78. A growing \_\_\_\_\_ requires a bold leader.

- n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort

ANSWERS: 71. battery, 72. gasoline, 73. bioeconomy, 74. emissions, 75. Technological, 76. generation, 77. naive, 78. enterprise

79. The federal \_\_\_\_\_ is planning to increase taxes for the next fiscal year.  
*n.* the group of people with authority to control a country or state
80. These articles cite five \_\_\_\_\_ of climate change.  
*n.* a particular example or single occurrence of something
81. It was the \_\_\_\_\_ of a dinosaur tooth.  
*n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
82. The ability to \_\_\_\_\_ people is a priceless asset.  
*v.* to make someone want to do something, especially something that requires tremendous work and effort
83. Her response revealed \_\_\_\_\_ idiocy.  
*adj.* unbelievable; enormous
84. The product developed through years of research continues to \_\_\_\_\_ the market.  
*v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
85. She departed hurriedly because of some significant \_\_\_\_\_ in their affairs.  
*n.* the quality of being very important and needing to be dealt with immediately
86. The firm has grown into a large \_\_\_\_\_ manufacturing.  
*adj.* relating to or connected with chemistry;
87. The improper disposal of electronic waste has become a growing problem, as it has been known to \_\_\_\_\_ the surrounding areas with piles of discarded devices.  
*v.* to make something appear less attractive or appealing by altering its appearance or features, often in a deliberate or intentional manner

ANSWERS: 79. government, 80. instances, 81. fossil, 82. motivate, 83. incredible, 84. electrify, 85. urgency, 86. chemical, 87. uglify



88. We store customer data in cloud \_\_\_\_\_.
- n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
89. The country is facing a \_\_\_\_\_ with high unemployment and low GDP.
- n.* a period of economic decline, typically lasting for six months or more, during which trade and industrial activity decrease, and unemployment increases
90. He made a frightful \_\_\_\_\_ in his room.
- n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
91. The \_\_\_\_\_ will repair my telephone tomorrow morning.
- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
92. I \_\_\_\_\_ to him that I had seen his sister at the grocery store earlier that day.
- v.* to speak or write about something or someone briefly
93. I need to \_\_\_\_\_ this document before submitting it to my boss.
- v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
94. The team conducted an \_\_\_\_\_ search for the missing hiker, but unfortunately, she was never found.
- adj.* comprehensive and thorough; totally complete; leaving no stone unturned
95. Advanced \_\_\_\_\_ is helping the business to make better data-driven decisions.
- n.* the systematic computational analysis of data or statistics; information resulting from this analysis

ANSWERS: 88. storage, 89. recession, 90. mess, 91. engineer, 92. mentioned, 93. edit, 94. exhaustive, 95. analytics

96. Bananas have their \_\_\_\_\_ taste and odor.
- n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
97. The \_\_\_\_\_ is endangering the local plants and animals.
- n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
98. The new president was \_\_\_\_\_ immediately after the national election.
- v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
99. The company's new \_\_\_\_\_ on remote work has made it a more inclusive workplace.
- n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
100. This bridge is the third largest \_\_\_\_\_ bridge in the world.
- n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
101. \_\_\_\_\_ and weather have an impact on every part of our lifestyles.
- n.* the weather in a particular location averaged over some long period
102. Enhanced rail \_\_\_\_\_ is crucial for our business.
- n.* a system for moving people or products from one location to another using automobiles, roads, and so on

ANSWERS: 96. characteristic, 97. pollution, 98. installed, 99. policy, 100. steel, 101. Climate, 102. transportation

103. Aging societies tend to require huge costs for \_\_\_\_\_ maintenance.  
*n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
104. She wore a \_\_\_\_\_ of pearls around her neck.  
*n.* long, thin material used for tying things together, composed of several twisted threads
105. \_\_\_\_\_ batteries are commonly used in laptops, smartphones, and electric vehicles.  
*n.* a soft, silvery-white metal that is highly reactive and used in batteries, alloy production, and medications for bipolar disorder
106. We had a \_\_\_\_\_ time yesterday.  
*adj.* very great in degree or extent or amount or impact; extremely good
107. Trees absorb \_\_\_\_\_ dioxide and give off oxygen.  
*n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
108. The farmer grew \_\_\_\_\_ on his land.  
*n.* a cereal plant that is the most important kind grown in temperate countries, the grain of which is ground to make flour for bread, pasta, pastry, etc
109. During the unloading, the container box \_\_\_\_\_ a clicking sound.  
*v.* to give off or send out something such as light, heat, sound, gas, etc.
110. The company specializes in both hardware and \_\_\_\_\_.  
*n.* a set of computer programs and associated documentation and data for doing particular computational jobs

ANSWERS: 103. infrastructure, 104. string, 105. Lithium-ion, 106. tremendous, 107. carbon, 108. wheat, 109. emits, 110. software

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

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

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

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

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

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

114. The invention of the smartphone \_\_\_\_\_ the way we communicate with each other.

*v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas

115. We combust \_\_\_\_\_ and other fossil fuels to generate electricity.

*n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

116. The \_\_\_\_\_ truck arrived with the packages.

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

117. The \_\_\_\_\_ truth was that he had been lying to her for months.

*adj.* unattractive in appearance; unpleasant to look at

118. The \_\_\_\_\_ of the device was immediately apparent to all who saw it.

*n.* the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public

ANSWERS: 111. sustainable, 112. dedicated, 113. alternative, 114. revolutionized, 115. coal, 116. delivery, 117. ugly, 118. utility

119. He approved their requests to \_\_\_\_\_ the jury.

*v.* to take temporary possession of someone's property until a debt is paid.

120. 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

121. She wore an \_\_\_\_\_ evening gown to the gala.

*adj.* pleasing and graceful in appearance or manner, or showing good taste and refinement

122. The countertop in my kitchen is made of durable \_\_\_\_\_ material.

*n.* a material made by bonding together two or more layers of different materials, often used in furniture or flooring

123. The \_\_\_\_\_ had received a mild snowfall the previous week.

*n.* a long depression on the surface of the land, which typically contains a river

124. The \_\_\_\_\_ by the citizen resulted in a redistribution of wealth.

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

125. He \_\_\_\_\_ hypotheses that no mathematician has ever imagined before.

*v.* to build or create something; to assemble or combine different parts to form something whole

126. When the first molecule in the \_\_\_\_\_ receives a signal, it activates other molecules.

*n.* a track that constitutes or serves as a path; an approach or a way of doing something

ANSWERS: 119. sequester, 120. structure, 121. elegant, 122. laminate, 123. valley, 124. revolution, 125. constructs, 126. pathway

127. Nitrogen fixation by the Haber-Bosch method leads to the mass production of \_\_\_\_\_.

- n.* a natural or chemical substance added to soil to make plants grow more successfully

128. The ambulance was \_\_\_\_\_ to the scene of the accident.

- v.* to send someone or something somewhere for a particular purpose; to send a message or piece of information

129. I'm so sorry to \_\_\_\_\_ you when you're pretty busy.

- v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

130. Several military \_\_\_\_\_ programs have become popular methods of exercise.

- n.* a tool or machine used for making round holes or driving fasteners; a training or practice

131. The \_\_\_\_\_ and the oxygen react and then form water.

- n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water

132. Our company is strongly \_\_\_\_\_ to meeting customers' needs.

- adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something

ANSWERS: 127. fertilizers, 128. dispatched, 129. disrupt, 130. drill, 131. hydrogen, 132. committed