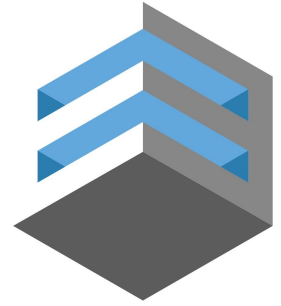


Englist.me



Vocabulary Builder Reference from...

Daniel Sperling and Gil Tal: The surprisingly long history of electric cars | TED Talk

https://www.ted.com/talks/daniel_sperling_and_gil_tal_the_surprisingly_long_history_of_electric_cars

All Words

IMPORTANT

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Session 1: Word List

steam-powered

adj. powered by steam, typically referring to machinery or systems that use steam as a source of energy or propulsion

synonym: steam-driven, steam-operated, steam-engineered

(1) **steam-powered** factory, (2) **steam-powered** ship

The **steam-powered** train was a popular mode of transportation during the Industrial Revolution.

typical

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

synonym: characteristic, usual, distinctive

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

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

rely

v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

synonym: depend, count, lean

(1) **rely** on convenience stores, (2) **rely** entirely on him

Babies heavily **rely** on others for food.

lug

v. to carry or drag something with effort; to pull something along with a sudden or jerky motion

synonym: carry, haul, transport

(1) **lug** a hose, (2) **lug** my son into a room

He had to **lug** the heavy suitcase up the stairs.

refuel

v. to put additional fuel into a plane, ship, car, etc.

(1) **refuel** air-to-air, (2) **refuel** bombers in flight

Our plane stopped in the country to **refuel**.

engine

n. a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

synonym: motor, locomotive, driver

(1) a steam **engine**, (2) an air-cooled **engine**

The policies he announces can be the **engine** of economic growth in the country.

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.

internal

adj. of or relating to the inside of something

synonym: interior, inner, domestic

(1) **internal** organs, (2) the **internal** economy

The prime minister canceled visits to other countries to resolve **internal** disputes.

combustion

n. the act or process of burning something

synonym: burning, burst

(1) internal **combustion** engine, (2) spontaneous **combustion**

Combustion of the people grew until the revolt was unavoidable.

crack

v. to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

synonym : snap, burst, break

(1) **crack** an eggshell, (2) a **crack** in a board

He that would eat the kernel must **crack** the nut.

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.

foul

adj. extremely unpleasant, dirty, or smelling bad

synonym : nasty, loathsome, illegal

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

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

exhaust

n. the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired

synonym : emission, fumes, (verb) deplete

(1) **exhaust** pipe, (2) **exhaust** a topic

The factory's **exhaust** fumes polluted the air and affected the health of the nearby residents.

bet

v. to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something

synonym : stake, wager, gamble

(1) **bet** on a race, (2) **bet** my future

I **bet** that you know it.

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.

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.

overnight

adj. lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time

synonym: all-night, sudden, immediate

(1) **overnight** parking, (2) **overnight** success

The **overnight** package delivery arrived at my door this morning.

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.

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.

occasionally

adv. now and then; sometimes but not often

synonym: periodically, sometimes, from time to time

(1) **occasionally** dine with friends, (2) **occasionally** change the routine

She still **occasionally** writes a short romance novel.

explosive

adj. easily able or likely to shatter violently or burst apart; sudden and loud

synonym : volatile, dangerous, fiery

(1) **explosive** device, (2) an **explosive** personality

This container stores an **explosive** substance.

competitor

n. a person who participates in a sporting contest; a person or organization that competes with others, particularly in business

synonym : opponent, contender, contestant

(1) beat **competitor** offer, (2) domestic **competitor**

The gap between the company and its **competitors** has widened.

inefficient

adj. lacking the ability or skill and not making the best use of time, money, energy, etc.

synonym : ineffective, counterproductive, inadequate

(1) **inefficient** use, (2) **inefficient** management

The system is still so **inefficient** that it is useless.

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**.

exchange

v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

synonym : trade, swap, interchange

(1) **exchange** rate, (2) **exchange** a few friendly words

My sister and I frequently **exchange** books, as we love reading.

urban

adj. relating to or located in a town or city

synonym : metropolitan, civic

(1) **urban** planning, (2) **urban** property owners

Only a small number of **urban** utilities offer sanitation services.

swap

v. to give something and receive something in trade

synonym : exchange, switch, trade

(1) **swap** seats, (2) **swap** columns with rows

Don't **swap** horses while crossing a stream.

afford

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

(1) **afford** to buy a new car, (2) **afford** a high travel cost

He cannot **afford** a holiday.

luxury

n. a state of great comfort or sophistication, mainly provided by expensive and beautiful things

synonym : extravagance, indulgence, opulence

(1) get into the **luxury** car market, (2) **luxury** hotel

His anti- **luxury** practices were quite strict.

discovery

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

synonym : finding, uncovering, detection

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

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

advance

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

synonym : progress, boost, come along

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

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

appealing

adj. attractive or exciting; evoking a positive response or desire; having qualities that are likely to encourage someone to like or enjoy something

synonym : attractive, alluring, captivating

(1) **appealing** design, (2) an **appealing** offer

The well-crafted plot and interesting characters made the book very **appealing** to readers

muffler

n. a device used to reduce or silence the noise produced by the exhaust gases of a vehicle or machine; a scarf or wrap worn around the neck to keep warm

synonym : silencer, exhaust, scarf

(1) silencer **muffler**, (2) knit a **muffler** out of wool

The **muffler** on my car was making a loud noise, so I took it to the mechanic to be fixed.

rub

v. to move one's hand or an object over the surface of something with pressure

synonym : scrub, massage, stroke

(1) **rub** shoulders, (2) **rub** a glass window

She **rubbed** the sore spot on her leg to ease the pain.

mount

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

synonym : climb, increase, get on

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

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

vibration

n. a continuous quick and slight shaking movement

synonym : oscillation, fluctuation, reverberation

(1) protection against **vibration**, (2) sympathetic **vibration**

Vibration displaced part of the mechanism.

ford

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

synonym: crossing, traversing, passing

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

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

release

v. to set free or allow to escape from confinement

synonym: free, let go, discharge

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

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

capture

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

synonym: catch, arrest, imprison

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

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

imaginary

adj. existing only in someone's mind

synonym: fictional, ideal, fantastical

(1) **imaginary** number, (2) **imaginary** pregnancy

Little children tend to have **imaginary** friends.

percentage

n. the number, amount, or rate of something, which is usually the amount per hundred

synonym: rate, ratio, portion

(1) the **percentage** of the gold content, (2) a high **percentage**

What is the **percentage** of the consumption tax in the United States?

plummet

v. to fall or drop suddenly and steeply; to decline rapidly or sharply

synonym: drop, plunge, fall

(1) **plummeting** sales, (2) **plummet** against other major

currencies

The stock prices have **plummeted** in the last hour, causing concern for investors.

nowhere

adv. not in, at, or to any place; not anywhere

(1) **nowhere** else to go, (2) come out of **nowhere**
I've been thinking all day and getting **nowhere**.

tide

n. the cyclical rise and fall of sea level caused by the moon's gravitational pull

synonym: ripple, surge, swell

(1) **tide** cycle, (2) ride the **tide** of change

Red **tide** is often harmful to the local ecosystem.

avail

v. to help or benefit; to use or take advantage of

synonym: help, benefit, serve

(1) **avail** you little, (2) **avail** ourselves of this opportunity

Their financing options are reasonable and easy to **avail**.

renew

v. to begin or resume something again after an interruption

synonym: renovate, restore, revitalize

(1) **renew** a contract, (2) **renew** its corporate image

I have to **renew** my passport by the middle of September.

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.

smog

n. a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas

synonym: smog, haze, pollution

(1) **smog** alert, (2) toxic **smog**

The heavy **smog** in the city was causing health issues for the residents.

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.

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.

environment

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

synonym: atmosphere, surroundings, climate

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

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

reconsider

v. to think about a decision or opinion again to

synonym: rethink, review, revisit

(1) **reconsider** the determination, (2) **reconsider** my transfer

He humbly **reconsidered** his conduct.

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.

devote

v. to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose

synonym: commit, dedicate, apply

(1) **devote** all of my energies, (2) **devote** my own life

He **devoted** himself to studying the history of ancient civilizations.

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.

increasingly

adv. more and more

synonym: more and more, progressively

(1) **increasingly** become common, (2) face **increasingly** complicated challenges

Our company found it **increasingly** difficult to keep up with the competition.

efficient

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

synonym: productive, effective, competent

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

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

electron

n. a tiny particle with the negative electrical charge

synonym : negatron

(1) flow of **electrons**, (2) beam of **electrons**

The outermost **electron** shell determines the chemical properties of an atom.

dense

adj. containing a large number of people or something with little space between them

synonym : heavy, thick, idiotic

(1) nutrient- **dense** foods, (2) **dense** forests

The entire mountain is covered in **dense** rainforest.

nickel

n. a silver-white metallic element with the symbol Ni, used in many alloys and as a coin; a United States coin worth one-twentieth of a dollar

synonym : metal, coin, alloy

(1) **nickel** ore, (2) **nickel** plate

The **nickel** in my pocket jingled as I walked.

hydride

n. a compound that contains a hydrogen anion; a chemical compound formed when hydrogen bonds with another element, such as lithium or magnesium

synonym : hydrogen compound, hydrogen alloy

(1) **hydride** ion, (2) lithium **hydride**

Researchers are studying the potential of magnesium **hydride** for hydrogen storage.

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 concentrat **ion** of hydrogen ions in an aqueous solution makes it more acidic.

regulatory

adj. having the power to control or restrict something such as business or industry according to rules or principles

synonym : regulative, managerial

(1) **regulatory** cells, (2) compliance with **regulatory** requirements

In the past, Japanese banks were protected by **regulatory** control.

mandate

n. an official or authoritative instruction or command; a commission or authority to carry out a particular task

synonym : command, instruction, authority

(1) **mandate** obligation, (2) an Imperial **mandate**

The **mandate** given to the new government is to improve the economy.

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.

spark

v. to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity

synonym : start, inspire, provoke

(1) **spark** his interest, (2) **spark** a chain reaction

The bankruptcy of the giant conglomerate **sparked** turmoil in the stock market.

hybrid

adj. composed of different elements or mixed characters

synonym : blended, mixed, combined

(1) new **hybrid** system, (2) an interspecific **hybrid**

The mule is a **hybrid** between a male donkey and a female horse.

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.

efficiency

n. the state or quality of doing something well with no waste of input such as time or money

synonym: effectiveness, efficacy, productivity

(1) better fuel **efficiency**, (2) an energy **efficiency**

Our company must continue to strive for greater **efficiency**.

burning

adj. intense or scorching heat

synonym: scorching, blazing, smoldering

(1) **burning** desire, (2) **burning** passion

The fire spread rapidly, engulfing everything in its path in a **burning** inferno.

grab

v. to take hold of something or someone suddenly with a hand, especially in a violent way

synonym: clutch, snatch, grasp

(1) **grab** an audience, (2) **grab** an opportunity

Shall we **grab** a bite to eat?

consume

v. to spend something, especially fuel, energy, or time, in a large amount

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity

A smaller car will **consume** less fuel.

automaker

n. a company or manufacturer that produces automobiles, cars, and other motor vehicles

synonym:

carmaker, vehicle maker, automobilist

(1) Japanese **automaker**, (2) luxury **automaker**

The **automaker's** sales have increased by 10% this quarter, thanks to strong consumer demand.

regulator

n. a person or thing that controls or balances something; a person or an organization that is responsible for control and supervision of a particular activity or area of public interest

synonym: controller, supervisor, monitor

(1) **regulator** body, (2) a speed **regulator**

The financial industry **regulator** was responsible for ensuring that companies followed the laws.

purity

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

synonym: sinlessness, innocence, cleanliness

(1) the degree of **purity**, (2) high **purity**

Higher **purity** requires additional equipment and energy.

vast

adj. enormous in size, number, amount, or quantity

synonym: expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert

A **vast** audience viewed the broadcast.

improvisation

n. the act of making something up on the spot or creating or performing something without preparation

synonym: spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

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.

upfront

adj. frank and honest; (adverb) (of payment) in advance
synonym: honest, authentic, fair

(1) an **upfront** tone, (2) pay **upfront**

He was very **upfront** with him about his intentions.

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.

replace

v. to take the place of something

synonym: substitute, supersede, displace

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

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

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.

aggressive

adj. behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly

synonym: assertive, combative, threatening

(1) an **aggressive** war, (2) an **aggressive** tumor

An **aggressive** tide wrecked the ship.

dramatically

adv. in a very impressive manner

synonym : greatly, noticeably, suddenly

(1) he confessed **dramatically**, (2) the cabin pressure fell **dramatically**

Life expectancy has grown **dramatically** this century.

reclaim

v. to take back something previously lost, given, or paid, or ask to have it back

synonym : recoup, regain, retake

(1) **reclaim** a competitive position, (2) **reclaim** land from the sea

You may be entitled to **reclaim** some tax.

rear

adj. at, toward, or near the back part of something; (verb) to look after a child until it is an adult

synonym : back, end, behind

(1) the **rear** gate, (2) **rear** children

The player quickly went to the **rear** side of the defender.

Session 2: Spelling

1. cutting-edge inn_____on
n. the creation of a new device or process resulting from study and experimentation
2. v__t desert
adj. enormous in size, number, amount, or quantity
3. ex_____ge rate
v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
4. s__p columns with rows
v. to give something and receive something in trade
5. 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
6. 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
7. ex_____t a topic
n. the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired

ANSWERS: 1. innovation, 2. vast, 3. exchange, 4. swap, 5. develop, 6. encourage, 7. exhaust

8. ma_____e obligation *n.* an official or authoritative instruction or command; a commission or authority to carry out a particular task
9. co_____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
10. toxic s__g *n.* a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas
11. pl_____t against other major currencies *v.* to fall or drop suddenly and steeply; to decline rapidly or sharply
12. ni___l plate *n.* a silver-white metallic element with the symbol Ni, used in many alloys and as a coin; a United States coin worth one-twentieth of a dollar
13. the per_____ge of the gold content *n.* the number, amount, or rate of something, which is usually the amount per hundred
14. an interspecific hy____d *adj.* composed of different elements or mixed characters
15. the r__r gate *adj.* at, toward, or near the back part of something; (verb) to look after a child until it is an adult
16. spontaneous com_____on *n.* the act or process of burning something
17. re_____or body *n.* a person or thing that controls or balances something; a person or an organization that is responsible for control and supervision of a particular activity or area of public interest

ANSWERS: 8. mandate, 9. consume, 10. smog, 11. plummet, 12. nickel, 13. percentage, 14. hybrid, 15. rear, 16. combustion, 17. regulator

18. ine_____nt use *adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
19. 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
20. ex_____ve device *adj.* easily able or likely to shatter violently or burst apart; sudden and loud
21. beam of el_____ons *n.* a tiny particle with the negative electrical charge
22. mo__t a hill *v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
23. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state
24. the in_____al economy *adj.* of or relating to the inside of something
25. an alt_____ve plan *n.* one of two or more available possibilities or choice
26. 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
27. rec_____er the determination *v.* to think about a decision or opinion again to
28. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 18. inefficient, 19. electrify, 20. explosive, 21. electron, 22. mount, 23. government, 24. internal, 25. alternative, 26. encourage, 27. reconsider, 28. environment

29. re____le access *adj.* worthy of being relied on; trustworthy
30. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
31. li_____m carbonate *n.* a soft, silvery-white metal that is highly reactive and used in batteries, alloy production, and medications for bipolar disorder
32. nutrient-de__e foods *adj.* containing a large number of people or something with little space between them
33. occ_____lly change the routine *adv.* now and then; sometimes but not often
34. ste_____red ship *adj.* powered by steam, typically referring to machinery or systems that use steam as a source of energy or propulsion
35. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
36. an ap_____ng offer *adj.* attractive or exciting; evoking a positive response or desire; having qualities that are likely to encourage someone to like or enjoy something
37. imp_____ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation
38. luxury au_____er *n.* a company or manufacturer that produces automobiles, cars, and other motor vehicles
39. re_____e CO2 into the air *v.* to set free or allow to escape from confinement

ANSWERS: 29. reliable, 30. invention, 31. lithium, 32. dense, 33. occasionally, 34. steam-powered, 35. emit, 36. appealing, 37. improvisation, 38. automaker, 39. release

- | | |
|---------------------------------------|---|
| 40. fairly ty____l symptoms | <i>adj.</i> having the usual characteristics or traits of a specific group of things |
| 41. co____e electricity | <i>v.</i> to spend something, especially fuel, energy, or time, in a large amount |
| 42. af____d a high travel cost | <i>v.</i> to have enough money or time to be able to buy or do something |
| 43. small ga____ne engine | <i>n.</i> a volatile flammable liquid obtained from petroleum, used mainly as a fuel in car engines, etc. |
| 44. across a f__d | <i>n.</i> a shallow place in a river or stream where it is possible to walk or drive across |
| 45. ad____e the technology | <i>v.</i> to go or move forward; to develop in a positive way |
| 46. lu____y hotel | <i>n.</i> a state of great comfort or sophistication, mainly provided by expensive and beautiful things |
| 47. an up____t tone | <i>adj.</i> frank and honest; (adverb) (of payment) in advance |
| 48. ni____l ore | <i>n.</i> a silver-white metallic element with the symbol Ni, used in many alloys and as a coin; a United States coin worth one-twentieth of a dollar |
| 49. the great di____ry of the century | <i>n.</i> the act or process of finding information, a place, or an object, or learning about something that was previously not known |
| 50. ste____red factory | <i>adj.</i> powered by steam, typically referring to machinery or systems that use steam as a source of energy or propulsion |

ANSWERS: 40. typical, 41. consume, 42. afford, 43. gasoline, 44. ford, 45. advance, 46. luxury, 47. upfront, 48. nickel, 49. discovery, 50. steam-powered

51. r__y on convenience stores *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
52. face inc_____gly complicated challenges *adv.* more and more
53. de__e forests *adj.* containing a large number of people or something with little space between them
54. s__p seats *v.* to give something and receive something in trade
55. in___t capital *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
56. re_____e a prisoner *v.* to set free or allow to escape from confinement
57. op_____ze a process *v.* to make the best or most effective use of something
58. l_g my son into a room *v.* to carry or drag something with effort; to pull something along with a sudden or jerky motion
59. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things
60. re___l bombers in flight *v.* to put additional fuel into a plane, ship, car, etc.
61. af___d to buy a new car *v.* to have enough money or time to be able to buy or do something
62. av__l ourselves of this opportunity *v.* to help or benefit; to use or take advantage of

ANSWERS: 51. rely, 52. increasingly, 53. dense, 54. swap, 55. invest, 56. release, 57. optimize, 58. lug, 59. typical, 60. refuel, 61. afford, 62. avail

63. re____e a phone *v.* to take the place of something
64. come out of no____e *adv.* not in, at, or to any place; not anywhere
65. domestic com____or *n.* a person who participates in a sporting contest; a person or organization that competes with others, particularly in business
66. guarantee re____le delivery *adj.* worthy of being relied on; trustworthy
67. sp__k his interest *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
68. li____m mining *n.* a soft, silvery-white metal that is highly reactive and used in batteries, alloy production, and medications for bipolar disorder
69. b_t my future *v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
70. re__w its corporate image *v.* to begin or resume something again after an interruption
71. a cold cl____e *n.* the weather in a particular location averaged over some long period
72. he confessed dra____lly *adv.* in a very impressive manner
73. ba____y charging *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
74. 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

ANSWERS: 63. replace, 64. nowhere, 65. competitor, 66. reliable, 67. spark, 68. lithium, 69. bet, 70. renew, 71. climate, 72. dramatically, 73. battery, 74. policy

75. g__b an opportunity *v.* to take hold of something or someone suddenly with a hand, especially in a violent way
76. re____e one word with another *v.* to take the place of something
77. protection against vi____on *n.* a continuous quick and slight shaking movement
78. pl____ting sales *v.* to fall or drop suddenly and steeply; to decline rapidly or sharply
79. ad____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
80. re____m a competitive position *v.* to take back something previously lost, given, or paid, or ask to have it back
81. energy-ef____nt appliances *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
82. ex____ge a few friendly words *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
83. inc____gly become common *adv.* more and more
84. ca____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape

ANSWERS: 75. grab, 76. replace, 77. vibration, 78. plummet, 79. advance, 80. reclaim, 81. efficient, 82. exchange, 83. increasingly, 84. capture

85. f__l day *adj.* extremely unpleasant, dirty, or smelling bad
86. f__l language *adj.* extremely unpleasant, dirty, or smelling bad
87. t__e cycle *n.* the cyclical rise and fall of sea level caused by the moon's gravitational pull
88. cr__k an eggshell *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
89. there is no other alt____ve *n.* one of two or more available possibilities or choice
90. effects of cl____e change *n.* the weather in a particular location averaged over some long period
91. lead-free ga____ne *n.* a volatile flammable liquid obtained from petroleum, used mainly as a fuel in car engines, etc.
92. ine____nt management *adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
93. 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
94. Japanese au____er *n.* a company or manufacturer that produces automobiles, cars, and other motor vehicles
95. high pu____y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature

ANSWERS: 85. foul, 86. foul, 87. tide, 88. crack, 89. alternative, 90. climate, 91. gasoline, 92. inefficient, 93. electrify, 94. automaker, 95. purity

107. a dry ba____y *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
108. r__r children *adj.* at, toward, or near the back part of something; (verb) to look after a child until it is an adult
109. l_g a hose *v.* to carry or drag something with effort; to pull something along with a sudden or jerky motion
110. re___l air-to-air *v.* to put additional fuel into a plane, ship, car, etc.
111. a steam en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
112. the cabin pressure fell dra_____lly *adv.* in a very impressive manner
113. bu_____g desire *adj.* intense or scorching heat
114. ap_____ng design *adj.* attractive or exciting; evoking a positive response or desire; having qualities that are likely to encourage someone to like or enjoy something
115. acc_____te a chemical reaction *v.* to make something faster or earlier; to cause to develop or progress more quickly
116. beat com_____or offer *n.* a person who participates in a sporting contest; a person or organization that competes with others, particularly in business

ANSWERS: 107. battery, 108. rear, 109. lug, 110. refuel, 111. engine, 112. dramatically, 113. burning, 114. appealing, 115. accelerate, 116. competitor

117. in____al organs *adj.* of or relating to the inside of something
118. occ_____lly dine with friends *adv.* now and then; sometimes but not often
119. global em_____ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
120. reg_____ry cells *adj.* having the power to control or restrict something such as business or industry according to rules or principles
121. no_____e else to go *adv.* not in, at, or to any place; not anywhere
122. r_b a glass window *v.* to move one's hand or an object over the surface of something with pressure
123. ur__n property owners *adj.* relating to or located in a town or city
124. 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
125. sp__k a chain reaction *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
126. gov_____nt funding *n.* the group of people with authority to control a country or state
127. knit a mu_____r out of wool *n.* a device used to reduce or silence the noise produced by the exhaust gases of a vehicle or machine; a scarf or wrap worn around the neck to keep warm

ANSWERS: 117. internal, 118. occasionally, 119. emission, 120. regulatory, 121. nowhere, 122. rub, 123. urban, 124. policy, 125. spark, 126. government, 127. muffler

128. new hy___d system *adj.* composed of different elements or mixed characters
129. de___e all of my energies *v.* to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose
130. a high per____ge *n.* the number, amount, or rate of something, which is usually the amount per hundred
131. op____ze control for cooling *v.* to make the best or most effective use of something
132. mo__t a counterattack *v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
133. rec____er my transfer *v.* to think about a decision or opinion again to
134. an energy eff____cy *n.* the state or quality of doing something well with no waste of input such as time or money
135. pay up____t *adj.* frank and honest; (adverb) (of payment) in advance
136. in____t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
137. bu____g passion *adj.* intense or scorching heat
138. a scientific di____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 128. hybrid, 129. devote, 130. percentage, 131. optimize, 132. mount, 133. reconsider, 134. efficiency, 135. upfront, 136. invest, 137. burning, 138. discovery

139. v__t majority *adj.* enormous in size, number, amount, or quantity
140. 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
141. the em____on of light *n.* the act of production or sending out gas, heat, light, etc.
142. g__b an audience *v.* to take hold of something or someone suddenly with a hand, especially in a violent way
143. de___e my own life *v.* to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose
144. better fuel eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
145. a cr__k in a board *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
146. internal com_____on engine *n.* the act or process of burning something
147. sympathetic vi_____on *n.* a continuous quick and slight shaking movement
148. an agg_____ve war *adj.* behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
149. av__l you little *v.* to help or benefit; to use or take advantage of

ANSWERS: 139. vast, 140. ion, 141. emission, 142. grab, 143. devote, 144. efficiency, 145. crack, 146. combustion, 147. vibration, 148. aggressive, 149. avail

150. chaotic env_____nt
n. the natural world such as air, water, and land in which humans, animals, and plants live
151. im_____ry pregnancy
adj. existing only in someone's mind
152. jazz imp_____ion
n. the act of making something up on the spot or creating or performing something without preparation
153. ov_____ht parking
adj. lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time
154. an agg_____ve tumor
adj. behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
155. acc_____te the car
v. to make something faster or earlier; to cause to develop or progress more quickly
156. silencer mu_____r
n. a device used to reduce or silence the noise produced by the exhaust gases of a vehicle or machine; a scarf or wrap worn around the neck to keep warm
157. inn_____on leader
n. the creation of a new device or process resulting from study and experimentation
158. b_t on a race
v. to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
159. get into the lu___y car market
n. a state of great comfort or sophistication, mainly provided by expensive and beautiful things

ANSWERS: 150. environment, 151. imaginary, 152. improvisation, 153. overnight, 154. aggressive, 155. accelerate, 156. muffler, 157. innovation, 158. bet, 159. luxury

160. an ex_____ve personality *adj.* easily able or likely to shatter violently or burst apart; sudden and loud
161. lithium hy_____e *n.* a compound that contains a hydrogen anion; a chemical compound formed when hydrogen bonds with another element, such as lithium or magnesium
162. common in_____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
163. 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
164. a speed re_____or *n.* a person or thing that controls or balances something; a person or an organization that is responsible for control and supervision of a particular activity or area of public interest
165. an air-cooled en_____e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
166. re_____m land from the sea *v.* to take back something previously lost, given, or paid, or ask to have it back
167. f__d a river *n.* a shallow place in a river or stream where it is possible to walk or drive across
168. ex_____t pipe *n.* the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired

ANSWERS: 160. explosive, 161. hydride, 162. invention, 163. develop, 164. regulator, 165. engine, 166. reclaim, 167. ford, 168. exhaust

169. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
170. im_____ry number *adj.* existing only in someone's mind
171. s__g alert *n.* a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas
172. ride the t__e of change *n.* the cyclical rise and fall of sea level caused by the moon's gravitational pull
173. ov_____ht success *adj.* lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time
174. the degree of pu____y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature

ANSWERS: 169. capture, 170. imaginary, 171. smog, 172. tide, 173. overnight, 174. purity

Session 3: Fill in the Blanks

1. The financial industry _____ was responsible for ensuring that companies followed the laws.
 - n.* a person or thing that controls or balances something; a person or an organization that is responsible for control and supervision of a particular activity or area of public interest
2. My sister and I frequently _____ books, as we love reading.
 - v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
3. The well-crafted plot and interesting characters made the book very _____ to readers
 - adj.* attractive or exciting; evoking a positive response or desire; having qualities that are likely to encourage someone to like or enjoy something
4. The _____ sales have increased by 10% this quarter, thanks to strong consumer demand.
 - n.* a company or manufacturer that produces automobiles, cars, and other motor vehicles
5. An _____ tide wrecked the ship.
 - adj.* behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
6. I've been thinking all day and getting _____.
 - adv.* not in, at, or to any place; not anywhere

ANSWERS: 1. regulator, 2. exchange, 3. appealing, 4. automaker's, 5. aggressive, 6. nowhere

7. 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.
8. During the unloading, the container box _____ a clicking sound.
v. to give off or send out something such as light, heat, sound, gas, etc.
9. Life expectancy has grown _____ this century.
adv. in a very impressive manner
10. 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
11. The policies he announces can be the _____ of economic growth in the country.
n. a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
12. Researchers are studying the potential of magnesium _____ for hydrogen storage.
n. a compound that contains a hydrogen anion; a chemical compound formed when hydrogen bonds with another element, such as lithium or magnesium
13. The government should view children as national assets and actively _____ in them.
v. to put money, effort, time, etc. into something to make a profit or achieve a result
14. He was very _____ with him about his intentions.
adj. frank and honest; (adverb) (of payment) in advance

ANSWERS: 7. gasoline, 8. emits, 9. dramatically, 10. government, 11. engine, 12. hydride, 13. invest, 14. upfront

15. He cannot _____ a holiday.
v. to have enough money or time to be able to buy or do something
16. There are five distinct _____ at five unique wavelengths.
n. the act of production or sending out gas, heat, light, etc.
17. The system is still so _____ that it is useless.
adj. lacking the ability or skill and not making the best use of time, money, energy, etc.
18. The mule is a _____ between a male donkey and a female horse.
adj. composed of different elements or mixed characters
19. _____ displaced part of the mechanism.
n. a continuous quick and slight shaking movement
20. The _____ in my pocket jingled as I walked.
n. a silver-white metallic element with the symbol Ni, used in many alloys and as a coin; a United States coin worth one-twentieth of a dollar
21. She _____ the sore spot on her leg to ease the pain.
v. to move one's hand or an object over the surface of something with pressure
22. His anti-_____ practices were quite strict.
n. a state of great comfort or sophistication, mainly provided by expensive and beautiful things
23. The prime minister canceled visits to other countries to resolve _____ disputes.
adj. of or relating to the inside of something

ANSWERS: 15. afford, 16. emissions, 17. inefficient, 18. hybrid, 19. Vibration, 20. nickel, 21. rubbed, 22. luxury, 23. internal

24. Only a small number of _____ utilities offer sanitation services.

adj. relating to or located in a town or city

25. The fire spread rapidly, engulfing everything in its path in a _____ inferno.

adj. intense or scorching heat

26. Trains are _____ inexpensive, and ideal for long-distance travel.

adj. worthy of being relied on; trustworthy

27. The player quickly went to the _____ side of the defender.

adj. at, toward, or near the back part of something; (verb) to look after a child until it is an adult

28. The _____ given to the new government is to improve the economy.

n. an official or authoritative instruction or command; a commission or authority to carry out a particular task

29. She still _____ writes a short romance novel.

adv. now and then; sometimes but not often

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

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

31. The essence of economics is to _____ the allocation of limited resources.

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

32. It was _____ of him to betray his friend.

adj. extremely unpleasant, dirty, or smelling bad

ANSWERS: 24. urban, 25. burning, 26. reliable, 27. rear, 28. mandate, 29. occasionally, 30. ford, 31. optimize, 32. foul

33. The government tried to _____ the commercialization of this development.
v. to make something faster or earlier; to cause to develop or progress more quickly
34. 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
35. The bankruptcy of the giant conglomerate _____ turmoil in the stock market.
v. to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
36. This artwork is _____ of her work.
adj. having the usual characteristics or traits of a specific group of things
37. He humbly _____ his conduct.
v. to think about a decision or opinion again to
38. The heavy _____ in the city was causing health issues for the residents.
n. a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas
39. In the past, Japanese banks were protected by _____ control.
adj. having the power to control or restrict something such as business or industry according to rules or principles
40. The _____ train was a popular mode of transportation during the Industrial Revolution.
adj. powered by steam, typically referring to machinery or systems that use steam as a source of energy or propulsion

ANSWERS: 33. accelerate, 34. encouraged, 35. sparked, 36. typical, 37. reconsidered, 38. smog, 39. regulatory, 40. steam-powered

41. Our company found it _____ difficult to keep up with the competition.
adv. more and more
42. The entire mountain is covered in _____ rainforest.
adj. containing a large number of people or something with little space between them
43. I ____ that you know it.
v. to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
44. Red ____ is often harmful to the local ecosystem.
n. the cyclical rise and fall of sea level caused by the moon's gravitational pull
45. 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
46. He had to ____ the heavy suitcase up the stairs.
v. to carry or drag something with effort; to pull something along with a sudden or jerky motion
47. This container stores an _____ substance.
adj. easily able or likely to shatter violently or burst apart; sudden and loud
48. The animal rights group worked to _____ the dolphins back into the wild.
v. to set free or allow to escape from confinement

ANSWERS: 41. increasingly, 42. dense, 43. bet, 44. tide, 45. develop, 46. lug, 47. explosive, 48. release

49. Don't _____ horses while crossing a stream.

v. to give something and receive something in trade

50. The _____ package delivery arrived at my door this morning.

adj. lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time

51. You may be entitled to _____ some tax.

v. to take back something previously lost, given, or paid, or ask to have it back

52. 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

53. Eventually, the new design will _____ all older models.

v. to take the place of something

54. Our company must continue to strive for greater _____.

n. the state or quality of doing something well with no waste of input such as time or money

55. Their financing options are reasonable and easy to _____.

v. to help or benefit; to use or take advantage of

56. Babies heavily _____ on others for food.

v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

ANSWERS: 49. swap, 50. overnight, 51. reclaim, 52. electrify, 53. replace, 54. efficiency, 55. avail, 56. rely

57. Little children tend to have _____ friends.

adj. existing only in someone's mind

58. 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

59. Our plane stopped in the country to _____.

v. to put additional fuel into a plane, ship, car, etc.

60. The new washing machine is much more _____ than the old one.

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

61. A _____ audience viewed the broadcast.

adj. enormous in size, number, amount, or quantity

62. I have to _____ my passport by the middle of September.

v. to begin or resume something again after an interruption

63. Every human is responsible for taking care of the Earth's _____.

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

64. The _____ on my car was making a loud noise, so I took it to the mechanic to be fixed.

n. a device used to reduce or silence the noise produced by the exhaust gases of a vehicle or machine; a scarf or wrap worn around the neck to keep warm

ANSWERS: 57. imaginary, 58. battery, 59. refuel, 60. efficient, 61. vast, 62. renew, 63. environment, 64. muffler

65. Necessity is the mother of _____.
- n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
66. Doctors are gradually coming around to the idea of using _____ medicines.
- n.* one of two or more available possibilities or choice
67. He _____ himself to studying the history of ancient civilizations.
- v.* to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose
68. I was able to _____ the moment on film.
- v.* to catch a person or an animal and confine them in an area which they cannot escape
69. He created a beautiful piece of music using only _____.
- n.* the act of making something up on the spot or creating or performing something without preparation
70. _____ and weather have an impact on every part of our lifestyles.
- n.* the weather in a particular location averaged over some long period
71. 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

ANSWERS: 65. invention, 66. alternative, 67. devoted, 68. capture, 69. improvisation, 70. Climate, 71. policy

72. Scientific knowledge will _____ significantly with the power of AI.
v. to go or move forward; to develop in a positive way
73. The stock prices have _____ in the last hour, causing concern for investors.
v. to fall or drop suddenly and steeply; to decline rapidly or sharply
74. 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
75. The outermost _____ shell determines the chemical properties of an atom.
n. a tiny particle with the negative electrical charge
76. _____ of the people grew until the revolt was unavoidable.
n. the act or process of burning something
77. Higher _____ requires additional equipment and energy.
n. the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
78. 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
79. What is the _____ of the consumption tax in the United States?
n. the number, amount, or rate of something, which is usually the amount per hundred

ANSWERS: 72. advance, 73. plummeted, 74. innovation, 75. electron, 76. Combustion, 77. purity, 78. ion, 79. percentage

80. Her research team made an important _____.

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

81. Shall we _____ a bite to eat?

- v.* to take hold of something or someone suddenly with a hand, especially in a violent way

82. He that would eat the kernel must _____ the nut.

- v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

83. _____ 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

84. They _____ pictures on the paper in preparation for the birthday card.

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

85. The gap between the company and its _____ has widened.

- n.* a person who participates in a sporting contest; a person or organization that competes with others, particularly in business

86. The factory's _____ fumes polluted the air and affected the health of the nearby residents.

- n.* the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired

ANSWERS: 80. discovery, 81. grab, 82. crack, 83. Lithium-ion, 84. mounted, 85. competitors, 86. exhaust

87. A smaller car will _____ less fuel.

v. to spend something, especially fuel, energy, or time, in a large amount

ANSWERS: 87. consume