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Vocabulary Builder Reference from...

Wolfgang Kessling: How to air-condition outdoor spaces | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

amphitheater

n. an open-air theater, usually circular or oval, with tiers of seats surrounding a central performance area

synonym: arena, stadium, coliseum

(1) outdoor **amphitheater**, (2) ancient **amphitheater**

The performers took to the stage in the **amphitheater's** center, surrounded by cheering fans.

temperature

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

synonym: climate, warmth, degree

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

Cities around the world set records for highest **temperatures** this summer.

assign

v. to give a specific job or piece of work to a someone

synonym: entrust, delegate, designate

(1) **assign** projects, (2) **assign** top priority

Please **assign** a different color to each other kind of item.

spectacular

adj. striking or impressive to look at or in performance or achievement

synonym: breathtaking, impressive, grand

(1) **spectacular** view, (2) achieve **spectacular** growth
The **spectacular** fireworks display was the highlight of the festival.

desert

n. arid land with little or no vegetation often covered with sand or rocks

(1) **desert** basin, (2) oasis in the **desert**

This region is predominantly **desert**.

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.

spectator

n. someone present at an event, such as a sports game, play, or concert, to watch or observe it

synonym: onlooker, observer, viewer

(1) mass **spectator** sport, (2) **spectator** seat

She enjoyed watching the game as a **spectator**.

stadium

n. a large, usually roofless building with tiers of seats for spectators at sports or other events

synonym: arena, field, park

(1) **stadium** seating, (2) **stadium** capacity

The baseball **stadium** was filled with excited fans eagerly awaiting the start of the game.

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**.

architect

n. a person whose job is to design plans to be used in making something, such as buildings

synonym: creator, designer, planner

(1) landscape **architect**, (2) **architect** of the peace accord

The building **architect** tried to build the house above the tree.

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.

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.

solar

adj. of, from, or relating to the sun

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

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

comfort

n. a state of physical ease and freedom from pain or constraint

synonym: ease, solace, coziness

(1) words of **comfort**, (2) **comfort** level

He found **comfort** in the warm embrace of his loved ones.

aspect

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

synonym: characteristic, element, factor

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

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

confuse

v. to mistake one thing for another; to make somebody hard to understand

synonym: confound, obscure, disorient

(1) **confuse** the listener, (2) **confuse** fantasy with reality

Her remarks **confused** the debate.

ambient

adj. relating to the immediate surroundings of something; creating a particular atmosphere or mood, often through sound or lighting

synonym: atmospheric, surrounding, encompassing

(1) **ambient** temperature, (2) **ambient** air pollution

The **ambient** lighting in the restaurant created a cozy and romantic atmosphere.

thermal

adj. relating to heat or temperature; designed for or capable of producing or maintaining heat

synonym: heat-related, warm, hot

(1) **thermal** insulation, (2) **thermal** energy

The **thermal** imaging camera was used to detect heat signatures in the dark.

chart

n. a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

synonym: diagram, graph, map

(1) a weather **chart**, (2) a statistical **chart**

This pie **chart** represents our market share.

degree

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

synonym: level, qualification, diploma

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

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

climatic

adj. relating to the weather or climate

synonym: meteorological, weather-related, atmospheric

(1) long-term **climatic** effect, (2) **climatic** change

The **climatic** conditions in this region were ideal for growing grapes.

parameter

n. a numerical or other measurable factors that characterize a system or set of data

synonym: factor, variable, characteristic

(1) **parameter** estimation, (2) **parameter** tuning

The temperature range was one of the critical **parameters** we had to consider when designing the experiment.

define

v. to state or explain precisely the nature, scope, or meaning of something

synonym: characterize, depict, express

(1) **define** a word, (2) **define** my position

To advance this discussion, we must **define** "success" rigorously.

analyze

v. to think about in-depth and evaluate to discover essential features or meaning

synonym: explore, examine, investigate

(1) **analyze** a chemical compound, (2) **analyze** your real motives

The teacher attempted to **analyze** the root cause of our mistake.

colleague

n. one of a group of a coworker, especially in a profession or a business

synonym: coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

olympiad

n. a period of four years, originally the time between the ancient Olympic Games and now commonly used to refer to the modern Olympic Games, which are held

every four years

(1) the modern **olympiad**, (2) summer **olympiad**

She won a gold medal in the physics **olympiad** and was praised by her teachers and peers.

perceive

v. to become aware or conscious of something through the senses

synonym: sense, discern, feel

(1) **perceive** a threat, (2) **perceive** light

Australia is widely **perceived** as having low levels of corruption.

humidity

n. the amount of water vapor in the air, typically as a percentage of the maximum that the air could hold at that temperature

synonym: moisture, dampness, wetness

(1) uncomfortable **humidity**, (2) **humidity** sensor

The **humidity** in the tropical forest was so high that it was hard to breathe.

broadcast

v. to send out a program or some information on radio or television

synonym: air, announce, advertise

(1) **broadcast** a concert, (2) **broadcast** a radio ad

Most of the programs are **broadcast** in this area.

somber

adj. having a serious or sad atmosphere or character; gloomy or dark

synonym: gloomy, dark, dreary

(1) a suit of **somber** black, (2) **somber** atmosphere

The **somber** mood at the funeral was palpable.

overlay

v. to place or cover something over or on top of something else; to add a layer of functionality or data on top of another (noun) a layer of material placed on top of a surface, typically to protect or decorate it

synonym: cover, superimpose, layer

(1) **overlay** multiple graphs, (2) **overlay** image

They tried to **overlay** the old map with the new one to compare the changes.

envelop

v. to surround and cover completely; to encase

synonym: wrap, cover, surround

(1) **envelop** the whole world, (2) **envelop** her in a bear hug

The fog **enveloped** the city, making it difficult to see.

outdo

v. to do better than someone; to surpass

synonym: excel, surpass, outshine

(1) **outdo** him in trickery, (2) **outdo** the competition

He tried to **outdo** his rival by breaking the world record.

uncomfortable

adj. providing or feeling physical discomfort or slight pain

synonym: comfortless, discomforting, painful

(1) an **uncomfortable** silence, (2) with an **uncomfortable** face

His abusive words made me **uncomfortable**.

influence

n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself

synonym: power, leverage, effect

(1) **influence** a child's future, (2) **influence** the daily life

The former emperor had a particular **influence** even after he abdicated.

diffuse

adj. spread out widely; not concentrated in one place

synonym: spread, scatter

(1) **diffuse** bleeding, (2) **diffuse** cloud

Direct lighting is preferable to **diffuse** lighting when reading.

radiant

adj. emitting light or heat; shining brightly

synonym: shining, glowing, brilliant

(1) **radiant** smile, (2) **radiant** light

She looked **radiant** on her wedding day.

surround

v. to be all around something or somebody

synonym: encircle, encompass, envelop

(1) **surround** a town, (2) a stone wall **surrounds** the palace
On three sides, mountains **surround** the settlement.

relate

v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

synonym: connect, link, associate

(1) **relate** a story, (2) **relate** a message

He tried to **relate** his experience to the group, but they couldn't understand.

metabolism

n. the set of chemical reactions in cells or organisms that are necessary for life-sustaining

(1) **metabolism** enzyme, (2) hemoglobin **metabolism**

Better sleep leads to increased **metabolism**.

excite

v. to make someone feel suddenly enthusiastic or eager

synonym: thrill, exhilarate, animate

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

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

probable

adj. likely to happen or likely to be true

synonym: likely, possible, potential

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

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

watt

n. a standard unit for measuring electrical power

(1) 30- **watt** light bulb, (2) **watt** per square meter

Several hectares of land are needed to generate more than 1-mega **watt** solar power.

relax

v. to become or cause someone to become less active or tense and calmer

synonym: soften, comfort, soothe

(1) **relax** a series of muscles, (2) **relax** at home

The rules were **relaxed** after the new executive arrived.

rid

v. to make someone or something free of unwanted or unpleasant tasks, objects, or person

synonym: do away with, free, clear

(1) get **rid** of the rats, (2) **rid** the body of waste products

We must **rid** ourselves of pollution.

aim

v. to try or plan to get or achieve something

synonym: aspire, direct, target

(1) **aim** at a specific target, (2) **aim** to be a nurse

We **aim** for an overseas expansion.

extreme

adj. very great in amount or degree

synonym: farthestmost, outermost, fierce

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

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

architectural

adj. of or relating to the design and construction of buildings and other structures and the features and style of such structures

synonym: structural, building, constructive

(1) study **architectural** engineering, (2) beautiful **architectural** landmarks

The **architectural** style of the building was a mix of modern and traditional.

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.

combine

v. to join or merge to form a single thing or group
synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,
(2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

element

n. a fundamental or essential part of something
synonym: component, feature, essence

(1) new design **elements**, (2) nonmetallic **elements**

Natural selection is an essential **element** in Darwin's theory of evolution.

hurricane

n. a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)

synonym: cyclone, typhoon, storm

(1) a **hurricane** of applause, (2) the ravages of a **hurricane**

The devastating **hurricane** caused widespread damage and left many people homeless.

chill

n. a feeling of coldness that makes one shiver; (verb) to make cool or cooler

synonym: coldness, coolness, (verb) freeze

(1) the **chill** of autumn, (2) feel a slight **chill**

His swear words cast a **chill** on the party.

embedded

adj. fixed firmly into the surface of something

synonym: ingrained, implanted, inserted

(1) **embedded** systems, (2) LED- **embedded** glass

The **embedded** chip in my credit card allows me to make contactless payments.

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.

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.

adjust

v. to make a minor modification to something to make it more suited for a new set of conditions or to make it function better.

synonym: adapt, alter, acclimate

(1) **adjust** a schedule, (2) **adjust** the rearview mirror

You have to **adjust** your content to the age of the audience.

individual

n. a single person or thing, as distinct from a group

synonym: person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

balance

n. a condition in which everything has the same weight or force; something left after other parts have been taken away

synonym: equilibrium, counterpoise, remainder

(1) the **balance** of power, (2) asset on the company's **balance** sheet

Try to keep a **balance** between work and off.

pitch

n. the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something

synonym: angle, gradient, slope

(1) make a **pitch** for a new product, (2) a low- **pitched** sound

Her voice gradually increased in **pitch**.

applied

adj. of or relating to a subject of study, especially a science, that is used in a practical way

synonym : practical, practiced, used

(1) **applied** research, (2) **applied** physics

Military technology eventually became the foundation for **applied** technology that supported people's lives.

concept

n. an idea or principle associated with something abstract

synonym : idea, notion, vision

(1) learn new **concepts**, (2) **concept** car

One such rapidly growing **concept** is quantum cryptography.

shelter

n. a structure built to protect from poor weather, danger, or attack; (verb) to protect or shield from harm or adversity, particularly relating to environmental conditions or danger

synonym : refuge, hideout, lair

(1) rainproof **shelter**, (2) anti-air raid **shelter**

They need food and **shelter**.

lawn

n. a stretch of ground covered with grass, typically attached to a house, and often used for recreation or aesthetics

synonym : yard, grass, meadow

(1) **lawn** mower, (2) lush **lawn**

The family enjoyed a picnic on the **lawn** in the park.

stabilize

v. to become or cause to become steady or unlikely to give way

synonym : brace, steady, secure

(1) **stabilize** prices, (2) **stabilize** blood sugar levels

The raising of interest rates **stabilizes** the inflation rate.

passive

adj. characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition

synonym :

inactive, lethargic, apathetic

(1) **passive** response, (2) **passive** vocabulary

The **passive** approach taken by the government towards climate change is concerning.

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.

harvest

n. yields of plants in a single growing season; the period of the year when gathering occurs on a farm

synonym: crop, reaping, yield

(1) a scanty **harvest**, (2) reap a **harvest**

During **harvest**, farmers are incredibly busy.

flexible

adj. able to change or be changed to suit new conditions or situations; able to bend easily

synonym: adaptable, elastic, pliable

(1) **flexible** schedules, (2) a **flexible** wire

You can be more **flexible** and creative in your approach.

membrane

n. a soft, thin layer that forms animal or vegetable tissue

synonym: tissue layer

(1) cell **membranes**, (2) nuclear **membrane**

Loud noises might harm the fragile ear **membrane**.

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.

photovoltaics

n. a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels

synonym : solar cells, solar power

(1) **photovoltaics** recycling initiatives, (2) **photovoltaics** system

The development of thin-film **photovoltaics** has allowed for a wider range of applications in building design.

possibility

n. a chance that something may happen or be true

synonym : chance, prospect, likelihood

(1) **possibility** for growth, (2) **possibility** of a major earthquake

The **possibility** of getting the disease will drastically increase.

grid

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

synonym : gridiron, battery grid, power system

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

Grid pattern roads often appear in urban areas.

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.

plaza

n. a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries

synonym : park, square, center

(1) main **plaza**, (2) memorial **plaza**

Three young men were busking in the shopping **plaza**.

mall

n. a large, enclosed shopping center that typically contains many stores, restaurants, and other businesses

synonym : shopping center, shopping complex

(1) largest electronic **mall**, (2) **mall** crawler

Many people go to the shopping **mall** to socialize and spend time with friends.

advantage

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

synonym : benefit, edge, asset

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

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

footprint

n. a mark of a foot, shoe, or animal's foot left on a surface

synonym : footmark, imprint, impression

(1) **footprints** in the snow, (2) the **footprints** of an earlier civilization

We choose transportation that has a smaller carbon **footprint**.

umbrella

n. a device consisting of a circular canopy of cloth on a central pole used as protection against rain or sometimes against the sun

synonym : parasol, canopy, sunshade

(1) **umbrella** coverage, (2) **umbrella** ban

She opened her **umbrella** to protect herself from the rain.

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.

invite

v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

synonym: ask, request, summon

(1) **invite** guests, (2) **invite** criticism

We want to **invite** you to our annual charity event.

upload

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

synonym: transfer, load up

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

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

calculator

n. a small electronic device for making arithmetic calculations

synonym: computer, machine, estimator

(1) **calculator** app, (2) analog **calculator**

I left my alpha **calculator** at home, so I had to borrow one from a classmate to finish my math homework.

perception

n. a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

synonym: understanding, idea, awareness

(1) keen **perception**, (2) **perception** of a stimulus

He is a man admired for the depth of his **perception**.

Session 2: Spelling

1. take ad_____ge of his weak points *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
2. th_____l insulation *adj.* relating to heat or temperature; designed for or capable of producing or maintaining heat
3. re_____e a prisoner *v.* to set free or allow to escape from confinement
4. nontechnical as____ts of the job *n.* one part or feature of a situation, problem, subject, etc.
5. for in_____ce *n.* a particular example or single occurrence of something
6. sp_____or seat *n.* someone present at an event, such as a sports game, play, or concert, to watch or observe it
7. a stone wall su_____nds the palace *v.* to be all around something or somebody
8. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
9. hemoglobin met_____sm *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
10. a fo____l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

ANSWERS: 1. advantage, 2. thermal, 3. release, 4. aspect, 5. instance, 6. spectator, 7. surround, 8. environment, 9. metabolism, 10. fossil

- | | |
|------------------------------------|---|
| 11. a hu_____ne of applause | <i>n.</i> a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour) |
| 12. en_____p the whole world | <i>v.</i> to surround and cover completely; to encase |
| 13. co_____e augmented reality | <i>v.</i> to join or merge to form a single thing or group |
| 14. de____e my position | <i>v.</i> to state or explain precisely the nature, scope, or meaning of something |
| 15. en_____ge a sense of affinity | <i>v.</i> 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 |
| 16. um_____la ban | <i>n.</i> a device consisting of a circular canopy of cloth on a central pole used as protection against rain or sometimes against the sun |
| 17. study arc _____ral engineering | <i>adj.</i> of or relating to the design and construction of buildings and other structures and the features and style of such structures |
| 18. extreme tem_____res | <i>n.</i> the degree of hotness or coldness of a thing or place |
| 19. st_____m capacity | <i>n.</i> a large, usually roofless building with tiers of seats for spectators at sports or other events |
| 20. collaborate with co_____ues | <i>n.</i> one of a group of a coworker, especially in a profession or a business |

ANSWERS: 11. hurricane, 12. envelop, 13. combine, 14. define, 15. encourage, 16. umbrella, 17. architectural, 18. temperature, 19. stadium, 20. colleague

21. long-term cl_____ic effect *adj.* relating to the weather or climate
22. su_____nd a town *v.* to be all around something or somebody
23. 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
24. re_____e one word with another *v.* to take the place of something
25. keen per_____on *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
26. l____n mower *n.* a stretch of ground covered with grass, typically attached to a house, and often used for recreation or aesthetics
27. ind_____al freedom *n.* a single person or thing, as distinct from a group
28. a weather ch____t *n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
29. pr_____le cause of a fire *adj.* likely to happen or likely to be true
30. up____d files *v.* to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files

ANSWERS: 21. climatic, 22. surround, 23. encourage, 24. replace, 25. perception, 26. lawn, 27. individual, 28. chart, 29. probable, 30. upload

31. in___e criticism *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
32. beautiful arc_____ral landmarks *adj.* of or relating to the design and construction of buildings and other structures and the features and style of such structures
33. a wire g__d *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
34. the fo_____nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
35. as___n projects *v.* to give a specific job or piece of work to a someone
36. ap_____d research *adj.* of or relating to a subject of study, especially a science, that is used in a practical way
37. so___r atmosphere *adj.* having a serious or sad atmosphere or character; gloomy or dark
38. r_d the body of waste products *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
39. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
40. analog cal_____or *n.* a small electronic device for making arithmetic calculations
41. pa_____er estimation *n.* a numerical or other measurable factors that characterize a system or set of data

ANSWERS: 31. invite, 32. architectural, 33. grid, 34. footprint, 35. assign, 36. applied, 37. somber, 38. rid, 39. industrious, 40. calculator, 41. parameter

42. cal_____or app *n.* a small electronic device for making arithmetic calculations
43. pa_____e response *adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition
44. ex_____e rebellion *v.* to make someone feel suddenly enthusiastic or eager
45. fo_____nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
46. pr_____le outcome *adj.* likely to happen or likely to be true
47. 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
48. ab_____b a shock *v.* to take in a fluid or other substance gradually
49. am_____t air pollution *adj.* relating to the immediate surroundings of something; creating a particular atmosphere or mood, often through sound or lighting
50. th_____l energy *adj.* relating to heat or temperature; designed for or capable of producing or maintaining heat
51. per_____on of a stimulus *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

ANSWERS: 42. calculator, 43. passive, 44. excite, 45. footprint, 46. probable, 47. develop, 48. absorb, 49. ambient, 50. thermal, 51. perception

52. learn new co____ts *n.* an idea or principle associated with something abstract
53. a low-pi__hed sound *n.* the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something
54. mass sp_____or sport *n.* someone present at an event, such as a sports game, play, or concert, to watch or observe it
55. reap a ha____t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
56. en____p her in a bear hug *v.* to surround and cover completely; to encase
57. words of co____t *n.* a state of physical ease and freedom from pain or constraint
58. cell me____nes *n.* a soft, thin layer that forms animal or vegetable tissue
59. the ch__l of autumn *n.* a feeling of coldness that makes one shiver; (verb) to make cool or cooler
60. memorial pl__a *n.* a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries
61. an unc_____ble silence *adj.* providing or feeling physical discomfort or slight pain
62. co____e the listener *v.* to mistake one thing for another; to make somebody hard to understand
63. the modern ol____ad *n.* a period of four years, originally the time between the ancient Olympic Games and now commonly used to refer to the modern Olympic Games, which are held every four years

ANSWERS: 52. concept, 53. pitch, 54. spectator, 55. harvest, 56. envelop, 57. comfort, 58. membrane, 59. chill, 60. plaza, 61. uncomfortable, 62. confuse, 63. olympiad

64. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
65. pos_____ty for growth *n.* a chance that something may happen or be true
66. a fl_____le wire *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
67. the so__r system *adj.* of, from, or relating to the sun
68. ou__o the competition *v.* to do better than someone; to surpass
69. re_____e a phone *v.* to take the place of something
70. ov_____y multiple graphs *v.* to place or cover something over or on top of something else; to add a layer of functionality or data on top of another (noun) a layer of material placed on top of a surface, typically to protect or decorate it
71. in___e guests *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
72. lush l__n *n.* a stretch of ground covered with grass, typically attached to a house, and often used for recreation or aesthetics
73. di_____e cloud *adj.* spread out widely; not concentrated in one place
74. a statistical ch__t *n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

ANSWERS: 64. colleague, 65. possibility, 66. flexible, 67. solar, 68. outdo, 69. replace, 70. overlay, 71. invite, 72. lawn, 73. diffuse, 74. chart

75. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
76. re__x at home *v.* to become or cause someone to become less active or tense and calmer
77. pa_____er tuning *n.* a numerical or other measurable factors that characterize a system or set of data
78. a private ind_____al *n.* a single person or thing, as distinct from a group
79. a_m at a specific target *v.* to try or plan to get or achieve something
80. re___e a story *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
81. ap_____d physics *adj.* of or relating to a subject of study, especially a science, that is used in a practical way
82. up___d documents to the portal *v.* to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files
83. ad___t the rearview mirror *v.* to make a minor modification to something to make it more suited for a new set of conditions or to make it function better.
84. 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

ANSWERS: 75. excite, 76. relax, 77. parameter, 78. individual, 79. aim, 80. relate, 81. applied, 82. upload, 83. adjust, 84. develop

85. ou__o him in trickery *v.* to do better than someone; to surpass
86. pho_____ics system *n.* a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels
87. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
88. a scanty ha_____t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
89. um_____la coverage *n.* a device consisting of a circular canopy of cloth on a central pole used as protection against rain or sometimes against the sun
90. LED-em_____ed glass *adj.* fixed firmly into the surface of something
91. oasis in the de_____t *n.* arid land with little or no vegetation often covered with sand or rocks
92. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
93. ab_____b energy *v.* to take in a fluid or other substance gradually
94. br_____st a concert *v.* to send out a program or some information on radio or television
95. 30-w__t light bulb *n.* a standard unit for measuring electrical power

ANSWERS: 85. outdo, 86. photovoltaics, 87. engineer, 88. harvest, 89. umbrella, 90. embedded, 91. desert, 92. temperature, 93. absorb, 94. broadcast, 95. watt

96. nonmetallic el_____ts *n.* a fundamental or essential part of something
97. de____t basin *n.* arid land with little or no vegetation often covered with sand or rocks
98. st_____ze blood sugar levels *v.* to become or cause to become steady or unlikely to give way
99. pos_____ty of a major earthquake *n.* a chance that something may happen or be true
100. re__x a series of muscles *v.* to become or cause someone to become less active or tense and calmer
101. ex_____e weather events *adj.* very great in amount or degree
102. landscape ar_____ct *n.* a person whose job is to design plans to be used in making something, such as buildings
103. as____n top priority *v.* to give a specific job or piece of work to a someone
104. de____e a word *v.* to state or explain precisely the nature, scope, or meaning of something
105. am_____t temperature *adj.* relating to the immediate surroundings of something; creating a particular atmosphere or mood, often through sound or lighting
106. new design el_____ts *n.* a fundamental or essential part of something
107. a cold cl_____e *n.* the weather in a particular location averaged over some long period
108. outdoor amp_____ter *n.* an open-air theater, usually circular or oval, with tiers of seats surrounding a central performance area

ANSWERS: 96. element, 97. desert, 98. stabilize, 99. possibility, 100. relax, 101. extreme, 102. architect, 103. assign, 104. define, 105. ambient, 106. element, 107. climate, 108. amphitheater

109. ra____t smile	<i>adj.</i> emitting light or heat; shining brightly
110. re___e a message	<i>v.</i> to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
111. met_____sm enzyme	<i>n.</i> the set of chemical reactions in cells or organisms that are necessary for life-sustaining
112. burning of fo___l fuels	<i>n.</i> any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
113. rainproof sh____r	<i>n.</i> a structure built to protect from poor weather, danger, or attack; (verb) to protect or shield from harm or adversity, particularly relating to environmental conditions or danger
114. with an unc_____ble face	<i>adj.</i> providing or feeling physical discomfort or slight pain
115. m__l crawler	<i>n.</i> a large, enclosed shopping center that typically contains many stores, restaurants, and other businesses
116. as___ts of social, political, and economic life	<i>n.</i> one part or feature of a situation, problem, subject, etc.
117. ind_____us student	<i>adj.</i> hardworking, diligent, and persistent in effort
118. ad___t a schedule	<i>v.</i> to make a minor modification to something to make it more suited for a new set of conditions or to make it function better.

ANSWERS: 109. radiant, 110. relate, 111. metabolism, 112. fossil, 113. shelter, 114. uncomfortable, 115. mall, 116. aspect, 117. industrious, 118. adjust

119. ancient amp_____ter *n.* an open-air theater, usually circular or oval, with tiers of seats surrounding a central performance area
120. the ravages of a hu_____ne *n.* a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)
121. em_____ed systems *adj.* fixed firmly into the surface of something
122. pa_____e vocabulary *adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition
123. hu_____ty sensor *n.* the amount of water vapor in the air, typically as a percentage of the maximum that the air could hold at that temperature
124. ra_____t light *adj.* emitting light or heat; shining brightly
125. a_m to be a nurse *v.* to try or plan to get or achieve something
126. br_____st a radio ad *v.* to send out a program or some information on radio or television
127. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
128. a suit of so____r black *adj.* having a serious or sad atmosphere or character; gloomy or dark
129. achieve spe_____ar growth *adj.* striking or impressive to look at or in performance or achievement

ANSWERS: 119. amphitheater, 120. hurricane, 121. embedded, 122. passive, 123. humidity, 124. radiant, 125. aim, 126. broadcast, 127. analyze, 128. somber, 129. spectacular

130. w__t per square meter *n.* a standard unit for measuring electrical power
131. effects of cl_____e change *n.* the weather in a particular location averaged over some long period
132. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
133. asset on the company's ba_____e sheet *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away
134. make a pi__h for a new product *n.* the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something
135. di_____e bleeding *adj.* spread out widely; not concentrated in one place
136. re_____e CO2 into the air *v.* to set free or allow to escape from confinement
137. pho_____ics recycling initiatives *n.* a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels
138. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
139. ex_____e sports *adj.* very great in amount or degree
140. largest electronic m__l *n.* a large, enclosed shopping center that typically contains many stores, restaurants, and other businesses

ANSWERS: 130. watt, 131. climate, 132. analyze, 133. balance, 134. pitch, 135. diffuse, 136. release, 137. photovoltaics, 138. engineer, 139. extreme, 140. mall

141. spe_____ar view *adj.* striking or impressive to look at or in performance or achievement
142. the ba_____e of power *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away
143. anti-air raid sh_____r *n.* a structure built to protect from poor weather, danger, or attack; (verb) to protect or shield from harm or adversity, particularly relating to environmental conditions or danger
144. bachelor's de_____e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
145. st_____m seating *n.* a large, usually roofless building with tiers of seats for spectators at sports or other events
146. a g__d design *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
147. uncomfortable hu_____ty *n.* the amount of water vapor in the air, typically as a percentage of the maximum that the air could hold at that temperature
148. co_____t level *n.* a state of physical ease and freedom from pain or constraint
149. get r_d of the rats *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person

ANSWERS: 141. spectacular, 142. balance, 143. shelter, 144. degree, 145. stadium, 146. grid, 147. humidity, 148. comfort, 149. rid

150. in_____ce a child's future *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
151. score an ad_____ge *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
152. summer ol_____ad *n.* a period of four years, originally the time between the ancient Olympic Games and now commonly used to refer to the modern Olympic Games, which are held every four years
153. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
154. main pl__a *n.* a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries
155. fl_____le schedules *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
156. notable in_____ce *n.* a particular example or single occurrence of something
157. in_____ce the daily life *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
158. nuclear me_____ne *n.* a soft, thin layer that forms animal or vegetable tissue
159. co_____e fantasy with reality *v.* to mistake one thing for another; to make somebody hard to understand

ANSWERS: 150. influence, 151. advantage, 152. olympiad, 153. environment, 154. plaza, 155. flexible, 156. instance, 157. influence, 158. membrane, 159. confuse

160. ar_____ct of the peace accord *n.* a person whose job is to design plans to be used in making something, such as buildings
161. a so__r eclipse *adj.* of, from, or relating to the sun
162. cl_____ic change *adj.* relating to the weather or climate
163. co_____t car *n.* an idea or principle associated with something abstract
164. pe_____ve light *v.* to become aware or conscious of something through the senses
165. feel a slight ch__l *n.* a feeling of coldness that makes one shiver; (verb) to make cool or cooler
166. st_____ze prices *v.* to become or cause to become steady or unlikely to give way
167. ov_____y image *v.* to place or cover something over or on top of something else; to add a layer of functionality or data on top of another (noun) a layer of material placed on top of a surface, typically to protect or decorate it
168. pe_____ve a threat *v.* to become aware or conscious of something through the senses
169. de___e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
170. co_____e chemically with another substance *v.* to join or merge to form a single thing or group

ANSWERS: 160. architect, 161. solar, 162. climatic, 163. concept, 164. perceive, 165. chill, 166. stabilize, 167. overlay, 168. perceive, 169. degree, 170. combine

Session 3: Fill in the Blanks

1. They need food and _____.
n. a structure built to protect from poor weather, danger, or attack; (verb) to protect or shield from harm or adversity, particularly relating to environmental conditions or danger
2. They tried to _____ the old map with the new one to compare the changes.
v. to place or cover something over or on top of something else; to add a layer of functionality or data on top of another (noun) a layer of material placed on top of a surface, typically to protect or decorate it
3. She looked _____ on her wedding day.
adj. emitting light or heat; shining brightly
4. I decided to seek counseling on the advice of my _____.
n. one of a group of a coworker, especially in a profession or a business
5. During _____ farmers are incredibly busy.
n. yields of plants in a single growing season; the period of the year when gathering occurs on a farm
6. The devastating _____ caused widespread damage and left many people homeless.
n. a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)
7. Eventually, the new design will _____ all older models.
v. to take the place of something

ANSWERS: 1. shelter, 2. overlay, 3. radiant, 4. colleague, 5. harvest, 6. hurricane, 7. replace

8. These articles cite five _____ of climate change.
- n.* a particular example or single occurrence of something
9. He is a man admired for the depth of his _____.
- n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
10. Her remarks _____ the debate.
- v.* to mistake one thing for another; to make somebody hard to understand
11. The teacher attempted to _____ the root cause of our mistake.
- v.* to think about in-depth and evaluate to discover essential features or meaning
12. As an _____ he had the right to make his own decisions and live his life as he saw fit.
- n.* a single person or thing, as distinct from a group
13. The animal rights group worked to _____ the dolphins back into the wild.
- v.* to set free or allow to escape from confinement
14. The development of thin-film _____ has allowed for a wider range of applications in building design.
- n.* a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels
15. She enjoyed watching the game as a _____.
- n.* someone present at an event, such as a sports game, play, or concert, to watch or observe it

ANSWERS: 8. instances, 9. perception, 10. confused, 11. analyze, 12. individual, 13. release, 14. photovoltaics, 15. spectator

16. The raising of interest rates _____ the inflation rate.
v. to become or cause to become steady or unlikely to give way
17. She received her _____ in psychology from the university.
n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
18. The sponge _____ water well.
v. to take in a fluid or other substance gradually
19. The _____ mood at the funeral was palpable.
adj. having a serious or sad atmosphere or character; gloomy or dark
20. Try to keep a _____ between work and off.
n. a condition in which everything has the same weight or force; something left after other parts have been taken away
21. One of the main _____ of the new product is its increased efficiency.
n. a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
22. He tried to _____ his experience to the group, but they couldn't understand.
v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
23. I left my alpha _____ at home, so I had to borrow one from a classmate to finish my math homework.
n. a small electronic device for making arithmetic calculations

ANSWERS: 16. stabilizes, 17. degree, 18. absorbs, 19. somber, 20. balance, 21. advantages, 22. relate, 23. calculator

24. The family enjoyed a picnic on the _____ in the park.
n. a stretch of ground covered with grass, typically attached to a house, and often used for recreation or aesthetics
25. The _____ style of the building was a mix of modern and traditional.
adj. of or relating to the design and construction of buildings and other structures and the features and style of such structures
26. His professional experience includes all _____ of media production.
n. one part or feature of a situation, problem, subject, etc.
27. The _____ of getting the disease will drastically increase.
n. a chance that something may happen or be true
28. Cities around the world set records for highest _____ this summer.
n. the degree of hotness or coldness of a thing or place
29. 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
30. Direct lighting is preferable to _____ lighting when reading.
adj. spread out widely; not concentrated in one place
31. 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

ANSWERS: 24. lawn, 25. architectural, 26. aspects, 27. possibility, 28. temperatures, 29. fossil, 30. diffuse, 31. develop

32. One such rapidly growing _____ is quantum cryptography.
n. an idea or principle associated with something abstract
33. 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
34. Three young men were busking in the shopping _____.
n. a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries
35. The building _____ tried to build the house above the tree.
n. a person whose job is to design plans to be used in making something, such as buildings
36. On three sides, mountains _____ the settlement.
v. to be all around something or somebody
37. _____ panels have greatly improved not only in performance but also in durability.
adj. of, from, or relating to the sun
38. Most of the programs are _____ in this area.
v. to send out a program or some information on radio or television
39. Her voice gradually increased in _____.
n. the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something

ANSWERS: 32. concept, 33. environment, 34. plaza, 35. architect, 36. surround, 37. Solar, 38. broadcast, 39. pitch

40. _____ and weather have an impact on every part of our lifestyles.
n. the weather in a particular location averaged over some long period
41. It seems _____ that he has forgotten our scheduled meeting.
adj. likely to happen or likely to be true
42. Australia is widely _____ as having low levels of corruption.
v. to become aware or conscious of something through the senses
43. The rules were _____ after the new executive arrived.
v. to become or cause someone to become less active or tense and calmer
44. The _____ fireworks display was the highlight of the festival.
adj. striking or impressive to look at or in performance or achievement
45. His swear words cast a _____ on the party.
n. a feeling of coldness that makes one shiver; (verb) to make cool or cooler
46. She won a gold medal in the physics _____ and was praised by her teachers and peers.
n. a period of four years, originally the time between the ancient Olympic Games and now commonly used to refer to the modern Olympic Games, which are held every four years
47. This region is predominantly _____.
n. arid land with little or no vegetation often covered with sand or rocks
48. The news of her promotion _____ her.
v. to make someone feel suddenly enthusiastic or eager

ANSWERS: 40. Climate, 41. probable, 42. perceived, 43. relaxed, 44. spectacular, 45. chill, 46. olympiad, 47. desert, 48. excited

49. Military technology eventually became the foundation for _____ technology that supported people's lives.
adj. of or relating to a subject of study, especially a science, that is used in a practical way
50. She opened her _____ to protect herself from the rain.
n. a device consisting of a circular canopy of cloth on a central pole used as protection against rain or sometimes against the sun
51. The performers took to the stage in the _____ center, surrounded by cheering fans.
n. an open-air theater, usually circular or oval, with tiers of seats surrounding a central performance area
52. He tried to _____ his rival by breaking the world record.
v. to do better than someone; to surpass
53. He found _____ in the warm embrace of his loved ones.
n. a state of physical ease and freedom from pain or constraint
54. The _____ lighting in the restaurant created a cozy and romantic atmosphere.
adj. relating to the immediate surroundings of something; creating a particular atmosphere or mood, often through sound or lighting
55. We choose transportation that has a smaller carbon _____.
n. a mark of a foot, shoe, or animal's foot left on a surface
56. We _____ for an overseas expansion.
v. to try or plan to get or achieve something

ANSWERS: 49. applied, 50. umbrella, 51. amphitheater's, 52. outdo, 53. comfort, 54. ambient, 55. footprint, 56. aim

57. Please _____ a different color to each other kind of item.
v. to give a specific job or piece of work to a someone
58. Hydrogen and oxygen _____ to form water.
v. to join or merge to form a single thing or group
59. I need to _____ these pictures to my computer to edit them.
v. to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files
60. The _____ imaging camera was used to detect heat signatures in the dark.
adj. relating to heat or temperature; designed for or capable of producing or maintaining heat
61. Solar gravity creates _____ pressures and temperatures.
adj. very great in amount or degree
62. The _____ in the tropical forest was so high that it was hard to breathe.
n. the amount of water vapor in the air, typically as a percentage of the maximum that the air could hold at that temperature
63. To advance this discussion, we must _____ "success" rigorously.
v. to state or explain precisely the nature, scope, or meaning of something
64. The baseball _____ was filled with excited fans eagerly awaiting the start of the game.
n. a large, usually roofless building with tiers of seats for spectators at sports or other events

ANSWERS: 57. assign, 58. combine, 59. upload, 60. thermal, 61. extreme, 62. humidity, 63. define, 64. stadium

65. You have to _____ your content to the age of the audience.

- v. to make a minor modification to something to make it more suited for a new set of conditions or to make it function better.

66. He was known to be very _____ and would often work late into the night.

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

67. We want to _____ you to our annual charity event.

- v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

68. The _____ conditions in this region were ideal for growing grapes.

- adj.* relating to the weather or climate

69. 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

70. The _____ approach taken by the government towards climate change is concerning.

- adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition

71. Several hectares of land are needed to generate more than 1-mega_____ solar power.

- n.* a standard unit for measuring electrical power

72. You can be more _____ and creative in your approach.

- adj.* able to change or be changed to suit new conditions or situations; able to bend easily

ANSWERS: 65. adjust, 66. industrious, 67. invite, 68. climatic, 69. encouraged, 70. passive, 71. watt, 72. flexible

73. His abusive words made me _____.

adj. providing or feeling physical discomfort or slight pain

74. _____ pattern roads often appear in urban areas.

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

75. The former emperor had a particular _____ even after he abdicated.

n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself

76. The _____ chip in my credit card allows me to make contactless payments.

adj. fixed firmly into the surface of something

77. The temperature range was one of the critical _____ we had to consider when designing the experiment.

n. a numerical or other measurable factors that characterize a system or set of data

78. Many people go to the shopping _____ to socialize and spend time with friends.

n. a large, enclosed shopping center that typically contains many stores, restaurants, and other businesses

79. Better sleep leads to increased _____.

n. the set of chemical reactions in cells or organisms that are necessary for life-sustaining

80. We must _____ ourselves of pollution.

v. to make someone or something free of unwanted or unpleasant tasks, objects, or person

ANSWERS: 73. uncomfortable, 74. Grid, 75. influence, 76. embedded, 77. parameters, 78. mall, 79. metabolism, 80. rid

81. The fog _____ the city, making it difficult to see.

v. to surround and cover completely; to encase

82. This pie _____ represents our market share.

n. a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

83. Loud noises might harm the fragile ear _____.

n. a soft, thin layer that forms animal or vegetable tissue

84. Natural selection is an essential _____ in Darwin's theory of evolution.

n. a fundamental or essential part of something

85. The _____ will repair my telephone tomorrow morning.

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

ANSWERS: 81. enveloped, 82. chart, 83. membrane, 84. element, 85. engineer