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Vocabulary Builder Reference from...

David Lindell: A camera that can see around corners | TED Talk

[https://www.ted.com/talks/david_lindell_a_camera_th
at_can_see_around_corners](https://www.ted.com/talks/david_lindell_a_camera_that_can_see_around_corners)

All Words

IMPORTANT

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Session 1: Word List

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.

algorithm

n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

synonym: logic, method, rule

(1) the RSA **algorithm**, (2) **algorithm** for image processing

We can evaluate the performance of an **algorithm** in terms of computation time.

blind

adj. unable to see; unable or unwilling to perceive or understand the true nature of something

synonym: sightless, unseeing, random

(1) **blind** to the beauties, (2) **blind** spot

She was nearly **blind** due to severe diabetes.

oncoming

adj. approaching or moving toward a particular person or place; relating to something that is coming toward the observer

synonym: approaching, incoming, imminent

(1) **oncoming** traffic, (2) **oncoming** disaster

The driver had to swerve to avoid an **oncoming** car that veered into his lane.

fortunate

adj. having good luck or lucky

synonym: fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person

He was pretty **fortunate** to pass the exam.

superpower

n. a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities

synonym: great power, empire, hegemony

(1) **superpower** country, (2) **superpower** leader

The ability to fly like a bird is often considered a **superpower** in comic books and movies.

detect

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

synonym: catch, observe, notice

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

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

hazard

n. something dangerous and likely to cause damage

synonym: peril, danger, threat

(1) occupational **hazard**, (2) potential health **hazards**

Lost mobile phones lead to another potential **hazard** regarding privacy.

computation

n. the act or process of calculating something, especially an answer or amount, by using a machine or calculator

synonym: calculation, estimation, arithmetic

(1) parallel **computation**, (2) theory of **computation**

The researcher demonstrated the superiority of quantum

computation in several mathematical tasks.

lab *n.* a workplace for the conduct of scientific research; a laboratory
synonym: workshop, laboratory, research chamber
(1) **lab** instrument, (2) medical **lab**
The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

sight *n.* the ability to see; anything that is seen
synonym: vision, spectacle, view
(1) an unexpected **sight**, (2) dull **sight**
Many famous **sights** are within walking distance.

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.

experiment *n.* the scientific test conducted to observe what happens and gain new knowledge
synonym: experimentation, investigation
(1) **experiment** design, (2) series of **experiments**
His **experiments** showed highly positive results.

conduct *v.* to organize and carry out a particular activity
synonym: behave, lead, carry on
(1) **conduct** a background check, (2) **conduct** research
Police will **conduct** random breath testing for drunk driving.

scan *v.* to examine something hastily, with the eyes or with a machine, to get information
synonym: look over, scrutinize, browse
(1) **scan** the face of the man, (2) **scan** a document into PDF
She stood on the podium and **scanned** an audience.

laser

n. a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

synonym: beam, bar, ray

(1) **laser** printer, (2) pulse **laser**

The company holds patents on core components of **laser** jet printers.

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.

geometry

n. the area of pure mathematics that deals with the points, lines, curves, and surfaces

(1) Euclidean **geometry**, (2) spherical **geometry**

The mathematician pioneered fractal **geometry**.

magic

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

synonym: fascination, illusion, wizardry

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

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

frame

n. a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

synonym: body, skeleton, scaffolding

(1) a picture **frame**, (2) the **frame** of the policy

The detective looked for fingerprints on the window **frame**.

trillion

n. the number 1,000,000,000,000; a million million

(1) **trillion** cubic feet, (2) many **trillions** of dollars

One light year is nearly 6 **trillion** miles.

movement

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

synonym: motion, progression, action

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

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

comic

adj. funny and making you laugh

synonym: amusing, funny, humorous

(1) **comic** books, (2) a **comic** hat

The novel is **comic** and tragic.

superhero

- n.* a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public

(1) **superhero** movies, (2) **superhero** comics

Superman is a classic **superhero** known for his superhuman strength and flying ability.

pulse

- n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves

synonym: beat, vibration, throb

(1) a weak **pulse**, (2) **pulse** waves

The cardiac monitor displays the intensity of your **pulse**.

nanosecond

- n.* one thousand millionth or billionth (= 0.000,000,001) of a second

(1) **nanosecond** response, (2) **nanosecond** laser pulse

The processor performs calculations on the **nanosecond** timescale.

distance

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

emotional distance

synonym: space, gap, span

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

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

centimeter

n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

(1) **centimeter** measurement, (2) thirty **centimeters** tall

The room was only one **centimeter** wider than the piano, making it a tight fit.

photon

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

synonym: particle, quantum, light

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

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

picosecond

n. a unit of time that is equal to one trillionth (10^{-12}) of a second

synonym: trillionth of a second

(1) **picosecond** resolution, (2) **picosecond** pulse

The computer processor can execute instructions in a **picosecond**.

visible

adj. capable of being seen; or open to easy view

synonym: clear, observable, seeable

(1) **visible** stars, (2) **visible** by X-ray

My home is easily **visible** from the shore.

scatter

v. to cause to separate and go in different directions

synonym: disperse, spread, bestrew

(1) **scatter** seeds, (2) **scatter** around the internet

The hunter's approach **scattered** the geese.

arrival

n. the act or situation of coming or being brought to a place; accomplishment of an objective

synonym: reaching, appearance, coming

(1) **arrival** and departure gate, (2) **arrival** at a conclusion

Weather forecasters are predicting the **arrival** of a heatwave.

locate

v. to specify or determine the exact position of someone or something

synonym: discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

ordinary

adj. not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree

synonym: mundane, prosaic, average

(1) an **ordinary** school, (2) **ordinary** annual revenue

The **ordinary** session of the Diet opened.

incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

splash

v. to cause liquid to scatter in irregular drops, especially with force

synonym: scatter, dash, gurgle

(1) **splash** water, (2) **splash** everywhere

The mountain was **splashed** with snow.

reconstruction

n. the process of rebuilding or repairing something that has been damaged or destroyed or of restoring something to its original condition

synonym: rebuilding, remodeling, renovation

(1) **reconstruction** aid, (2) **reconstruction** aid

The government announced a plan for the **reconstruction** of the city's infrastructure.

recover

v. to return to a former condition, health, mind, or strength
synonym: come back, convalesce, heal

(1) **recover** a loss, (2) **recover** approval ratings

She is still **recovering** from a shot to her shoulder.

indoor

adj. located, happened, or used inside a building

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

Table tennis is an **indoor** sport.

glossy

adj. having a smooth, shiny surface or finish; characterized by an attractive, polished appearance; often used to describe photographs or printed materials with a high-quality finish

synonym: shiny, polished, gleaming

(1) **glossy** lipstick, (2) **glossy** photograph

The magazine cover had a **glossy** finish, making the images shine.

dragon

n. a mythical monster typically depicted as a giant reptile with wings, claws, and a fiery breath often portrayed as being fierce and dangerous

synonym: wyvern, serpent, drake

(1) **dragon** fruit, (2) **dragon** wing

In Chinese mythology, **dragons** are considered powerful and benevolent creatures.

statue

n. a sculpture of a person or animal, typically made of stone or metal, that is intended to represent the subject in a lifelike or symbolic way

synonym: sculpture, figurine, monument

(1) a beautiful **statue**, (2) the ancient Egyptian **statues**

The **statue** of the famous hero stood proudly in the town square.

discotheque

n. a nightclub or restaurant where recorded music is played, and people dance

synonym: nightclub, dance club, disco

(1) **discotheque** party, (2) **discotheque** scene

He couldn't wait to hit the **discotheque** and dance the night away.

discus

n. a heavy, flat round object that is thrown in athletic competitions, consisting of a central hub with a raised rim and a metal or wooden plate attached to the edge, which is thrown by spinning rapidly and releasing it from the hand

synonym: disc, saucer, plate

(1) Olympic **discus**, (2) **discus** event

The athlete's personal best in the **discus** throw earned her a spot on the national team.

visual

adj. relating to seeing or sight

synonym: optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts

The building makes a remarkable **visual** impact.

volume

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

synonym: capacity, amount, intensity

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

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

stack

n. a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated

synonym: accumulation, heap, pile

(1) high **stack**, (2) a large **stack** of paper

The earthquake caused a **stack** of lumber to crumble noisily.

represent

v. to speak, act, or be present on behalf of another person or group; to form or constitute

synonym: depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

depth

n. the distance between the top and bottom of something; between the top surface and a distance below it

synonym: deepness, profoundness, extent

(1) **depth** camera, (2) the **depth** of the water

The pond's **depth** was around five feet.

dimension

n. a measurable extent of a particular kind, such as width, height, or length

synonym: extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**

Overall **dimensions** are approximately 400x200mm.

cube

n. a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times

synonym: block, square, cell

(1) **cube** root, (2) ice **cube**

I cut the cheese into small **cubes** for the salad.

dot

n. a very small circular mark, especially one that is printed

synonym: drop, dab, fleck

(1) connecting the **dots**, (2) **dot** blot method

The wallpaper had a pattern of pink **dots** on a white surface.

facet

n. one of the many aspects or sides of a subject or situation, especially when seen from different angles or perspectives; a particular feature or characteristic of something

synonym: aspect, side, angle

(1) **facet** to a question, (2) important **facet**

The different **facets** of his personality make him a complex individual.

streak

- n.* a long, narrow mark or band, typically one of a different color or texture from the surrounding surface; a brief period or run of success, luck, or behavior; a consistent pattern of behavior or a distinguishing characteristic of an individual

synonym: strip, band, dash

- (1) **streak** of luck, (2) gold **streak**

He had a **streak** of stubbornness that made him difficult to work with.

visualize

- v.* to form a mental image or concept of something; to make something visible

synonym: imagine, picture, envision

- (1) **visualize** data, (2) **visualize** flying through space

She tried to **visualize** the layout of the new house in her mind.

illuminating

- adj.* making something clear or easy to understand; providing light

synonym: enlightening, informative, clarifying

- (1) **illuminating** light, (2) an **illuminating** answer

The lecture was **illuminating** and gave me a new perspective on the topic.

firework

- n.* a device that produces a colorful display of light and sound when it is ignited

synonym: pyrotechnic, sparkler, firecracker

- (1) **firework** discharge, (2) grand **firework** display

The children were excited to see the **firework** show.

reconstruct

- v.* to build or form something again that has been damaged or destroyed

synonym: rebuild, revamp, reorganize

- (1) **reconstruct** an image, (2) **reconstruct** the original text

They've decided to **reconstruct** a ruined castle.

slightly

adv. in a small degree or extent; a little

synonym : barely, narrowly, scarcely

(1) increase **slightly**, (2) **slightly** alkaline soils

He moved his body **slightly** to the left.

suit

n. a set of clothes that are made from the same material; a claim or complaint that a person or organization can file in court against another party; (verb) to be fit or acceptable for

synonym : clothes, lawsuit, (verb) fit

(1) **suit** and tie restaurant, (2) **suit** at law

Six **suits** are awaiting trial or verdict.

tracksuit

n. a two-piece athletic outfit consisting of a jacket and pants, often made of lightweight and breathable material, commonly worn during exercise or athletic activities

synonym : training suit, sports suit

(1) black **tracksuit**, (2) **tracksuit** pants

I wore a comfortable **tracksuit** on my flight to Europe.

indirect

adj. happening in addition to the main or intended aim, cause or result, often in a way that is not obvious; not following the shortest or straight way

synonym : unintended, ambiguous, ancillary

(1) **indirect** taxation, (2) **indirect** lighting

He expressed his dissatisfaction in an **indirect** way.

practical

adj. of or connected with actual use or real situation rather than with theory and ideas

synonym : applicable, functional, realistic

(1) **practical** English, (2) gain **practical** experience

Her concept is highly **practical** and helpful.

biomedical

adj. relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

synonym :

medical, clinical, health-related

(1) **biomedical** assay, (2) cutting-edge **biomedical**
Biomedical engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.

structure

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

synonym: construction, architecture, establishment

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

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

explore

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

synonym: analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options

The management must **explore** strategies to increase office security.

planet

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

synonym: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

outdoors

adv. in or into the open air; outside a building or structure

synonym: outside, al fresco, in the open air

(1) exhausted **outdoors**, (2) sleep **outdoors**

She loves to hike **outdoors** and explore nature.

advancement

n. the development, improvement, or progress of something

synonym: progression, breakthrough, improvement

(1) **advancement** of knowledge, (2) career **advancement**
Competition between countries resulted in fast technological **advancement**.

bounce

v. to cause to move up or away after hitting a surface; to spring back

synonym: bound, leap, spring

(1) **bounce** across the floor, (2) **bounce** back from failure
They will **bounce** between various emotional states.

prototype

n. a first or preliminary example of something such as a device or vehicle from which other forms are developed

synonym: mock-up, precursor, model

(1) complete a **prototype** product, (2) early **prototype**
The flying car is presently in the **prototype** stage.

bulky

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

synonym: large, cumbersome, unwieldy

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

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

miniature

adj. being on a very small scale

synonym: mini, scaled-down, pint-sized

(1) **miniature** camera, (2) **miniature** version

He did complicated pen-and-ink drawings like medieval **miniatures**.

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**.

security

n. the state of being free from danger, risk, or harm; measures taken to protect against threats or attacks; a financial asset, such as a stock or bond that derives value exclusively from the ownership interest or claim to a particular underlying asset or obligation

synonym: safety, protection, stock

(1) national **security**, (2) **security** analyst

The building's **security** system includes cameras, alarms, and security guards.

mod

n. a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers

synonym: alteration, modification, tweak

(1) **mod** culture, (2) a house with **mod** cons

The **mod** for the video game added new features and improved gameplay.

exciting

adj. causing a lot of interest or excitement

synonym: exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and unexpected.

distant

adj. far away in space, time, or where you are; far apart in relevance, relationship, or kinship

synonym: far, isolated, remote

(1) a **distant** memory, (2) **distant** ancestors

The sun set over the crest of **distant** hills.

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.

intelligent

adj. having the capacity for thought and reason, especially to a high degree

synonym: brilliant, clever, competent

(1) an **intelligent** person, (2) **intelligent** assisting system

Intelligent robots that can cooperate with humans have limited motor output for safety.

pace

n. the speed at which someone or something moves, or the rate at which something happens or changes

synonym: gait, rate, speed

(1) at your own **pace**, (2) the runner's **pace**

The economy is growing at a supercharged **pace**.

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**.

innovation

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

synonym: invention, initiation, creation

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

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

Session 2: Spelling

- | | |
|----------------------------|---|
| 1. gl___y lipstick | <i>adj.</i> having a smooth, shiny surface or finish; characterized by an attractive, polished appearance; often used to describe photographs or printed materials with a high-quality finish |
| 2. a weak pu__e | <i>n.</i> the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves |
| 3. vi_____e by X-ray | <i>adj.</i> capable of being seen; or open to easy view |
| 4. ou__o him in trickery | <i>v.</i> to do better than someone; to surpass |
| 5. the fr__e of the policy | <i>n.</i> a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window |
| 6. an int_____nt person | <i>adj.</i> having the capacity for thought and reason, especially to a high degree |
| 7. re_____r a loss | <i>v.</i> to return to a former condition, health, mind, or strength |
| 8. sc_____r seeds | <i>v.</i> to cause to separate and go in different directions |
| 9. vo___e of work | <i>n.</i> the amount of space occupied by an object or substance; the magnitude of sound |

ANSWERS: 1. glossy, 2. pulse, 3. visible, 4. outdo, 5. frame, 6. intelligent, 7. recover, 8. scatter, 9. volume

- | | |
|------------------------------|--|
| 10. s__n a document into PDF | <i>v.</i> to examine something hastily, with the eyes or with a machine, to get information |
| 11. s__n the face of the man | <i>v.</i> to examine something hastily, with the eyes or with a machine, to get information |
| 12. re____le access | <i>adj.</i> worthy of being relied on; trustworthy |
| 13. bl__d spot | <i>adj.</i> unable to see; unable or unwilling to perceive or understand the true nature of something |
| 14. tr____it pants | <i>n.</i> a two-piece athletic outfit consisting of a jacket and pants, often made of lightweight and breathable material, commonly worn during exercise or athletic activities |
| 15. series of exp____nts | <i>n.</i> the scientific test conducted to observe what happens and gain new knowledge |
| 16. pl__t like the Earth | <i>n.</i> any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star |
| 17. social di____ce | <i>n.</i> the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance |
| 18. an or____ry school | <i>adj.</i> not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree |

ANSWERS: 10. scan, 11. scan, 12. reliable, 13. blind, 14. tracksuit, 15. experiment, 16. planet, 17. distance, 18. ordinary

- | | |
|---|---|
| 19. pulse la__r | <i>n.</i> a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification |
| 20. the de__h of the water | <i>n.</i> the distance between the top and bottom of something; between the top surface and a distance below it |
| 21. ou__o the competition | <i>v.</i> to do better than someone; to surpass |
| 22. field of vi___l arts | <i>adj.</i> relating to seeing or sight |
| 23. st_____re and function of the brain | <i>n.</i> the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts |
| 24. bo___e back from failure | <i>v.</i> to cause to move up or away after hitting a surface; to spring back |
| 25. cutting-edge bio_____al | <i>adj.</i> relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare |
| 26. career adv_____nt | <i>n.</i> the development, improvement, or progress of something |
| 27. medical l_b | <i>n.</i> a workplace for the conduct of scientific research; a laboratory |
| 28. sup_____er country | <i>n.</i> a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities |

ANSWERS: 19. laser, 20. depth, 21. outdo, 22. visual, 23. structure, 24. bounce, 25. biomedical, 26. advancement, 27. lab, 28. superpower

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|------------------------------|--|
| 29. gold st___k | <i>n.</i> a long, narrow mark or band, typically one of a different color or texture from the surrounding surface; a brief period or run of success, luck, or behavior; a consistent pattern of behavior or a distinguishing characteristic of an individual |
| 30. ex____ng news | <i>adj.</i> causing a lot of interest or excitement |
| 31. potential health ha___ds | <i>n.</i> something dangerous and likely to cause damage |
| 32. co__c books | <i>adj.</i> funny and making you laugh |
| 33. imp_____ion on stage | <i>n.</i> the act of making something up on the spot or creating or performing something without preparation |
| 34. jazz imp_____ion | <i>n.</i> the act of making something up on the spot or creating or performing something without preparation |
| 35. a circular mo____nt | <i>n.</i> a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively |
| 36. fi____rk discharge | <i>n.</i> a device that produces a colorful display of light and sound when it is ignited |
| 37. a beautiful st___e | <i>n.</i> a sculpture of a person or animal, typically made of stone or metal, that is intended to represent the subject in a lifelike or symbolic way |
| 38. inn_____on leader | <i>n.</i> the creation of a new device or process resulting from study and experimentation |

ANSWERS: 29. streak, 30. exciting, 31. hazard, 32. comic, 33. improvisation, 34. improvisation, 35. movement, 36. firework, 37. statue, 38. innovation

- | | |
|---------------------------------|---|
| 39. black tr_____it | <i>n.</i> a two-piece athletic outfit consisting of a jacket and pants, often made of lightweight and breathable material, commonly worn during exercise or athletic activities |
| 40. a picture fr__e | <i>n.</i> a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window |
| 41. bio_____al assay | <i>adj.</i> relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare |
| 42. lo___e a missing pet | <i>v.</i> to specify or determine the exact position of someone or something |
| 43. the runner's p__e | <i>n.</i> the speed at which someone or something moves, or the rate at which something happens or changes |
| 44. save the pl___t | <i>n.</i> any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star |
| 45. ar_____l and departure gate | <i>n.</i> the act or situation of coming or being brought to a place; accomplishment of an objective |
| 46. su_____ro comics | <i>n.</i> a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public |
| 47. l_b instrument | <i>n.</i> a workplace for the conduct of scientific research; a laboratory |

ANSWERS: 39. tracksuit, 40. frame, 41. biomedical, 42. locate, 43. pace, 44. planet, 45. arrival, 46. superhero, 47. lab

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| 48. de____p a skill | <i>v.</i> 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 |
| 49. exhausted ou____rs | <i>adv.</i> in or into the open air; outside a building or structure |
| 50. di____t ancestors | <i>adj.</i> far away in space, time, or where you are; far apart in relevance, relationship, or kinship |
| 51. ca____e customers' hearts | <i>v.</i> to catch a person or an animal and confine them in an area which they cannot escape |
| 52. de____t a bad event | <i>v.</i> to find or recognize something, especially something difficult to see, hear, etc. |
| 53. tr____on cubic feet | <i>n.</i> the number 1,000,000,000,000; a million million |
| 54. a large st__k of paper | <i>n.</i> a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated |
| 55. designed for in____r use | <i>adj.</i> located, happened, or used inside a building |
| 56. rec_____ion aid | <i>n.</i> the process of rebuilding or repairing something that has been damaged or destroyed or of restoring something to its original condition |

ANSWERS: 48. develop, 49. outdoors, 50. distant, 51. capture, 52. detect, 53. trillion, 54. stack, 55. indoor, 56. reconstruction

57. re_____nt by a diagram	<i>v.</i> to speak, act, or be present on behalf of another person or group; to form or constitute
58. rec_____ct the original text	<i>v.</i> to build or form something again that has been damaged or destroyed
59. connecting the d_ts	<i>n.</i> a very small circular mark, especially one that is printed
60. cen_____er measurement	<i>n.</i> a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
61. la__r printer	<i>n.</i> a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
62. vi___l navigation	<i>adj.</i> relating to seeing or sight
63. ex_____e our options	<i>v.</i> to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
64. a scientific di_____ry	<i>n.</i> the act or process of finding information, a place, or an object, or learning about something that was previously not known
65. co_____t research	<i>v.</i> to organize and carry out a particular activity
66. important fa__t	<i>n.</i> one of the many aspects or sides of a subject or situation, especially when seen from different angles or perspectives; a particular feature or characteristic of something

ANSWERS: 57. represent, 58. reconstruct, 59. dot, 60. centimeter, 61. laser, 62. visual, 63. explore, 64. discovery, 65. conduct, 66. facet

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| 67. at your own p__e | <i>n.</i> the speed at which someone or something moves, or the rate at which something happens or changes |
| 68. 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 |
| 69. spherical ge_____ry | <i>n.</i> the area of pure mathematics that deals with the points, lines, curves, and surfaces |
| 70. less fo_____te person | <i>adj.</i> having good luck or lucky |
| 71. s__t at law | <i>n.</i> a set of clothes that are made from the same material; a claim or complaint that a person or organization can file in court against another party; (verb) to be fit or acceptable for |
| 72. re_____r approval ratings | <i>v.</i> to return to a former condition, health, mind, or strength |
| 73. fa__t to a question | <i>n.</i> one of the many aspects or sides of a subject or situation, especially when seen from different angles or perspectives; a particular feature or characteristic of something |
| 74. ill_____ing light | <i>adj.</i> making something clear or easy to understand; providing light |
| 75. bu__y material | <i>adj.</i> taking up much space or being difficult to move because of its size or weight; large and unwieldy |
| 76. pr_____al English | <i>adj.</i> of or connected with actual use or real situation rather than with theory and ideas |

ANSWERS: 67. pace, 68. discovery, 69. geometry, 70. fortunate, 71. suit, 72. recover, 73. facet, 74. illuminating, 75. bulky, 76. practical

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| 77. gain pr_____al experience | <i>adj.</i> of or connected with actual use or real situation rather than with theory and ideas |
| 78. high st__k | <i>n.</i> a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated |
| 79. in_____ct lighting | <i>adj.</i> happening in addition to the main or intended aim, cause or result, often in a way that is not obvious; not following the shortest or straight way |
| 80. ice c__e | <i>n.</i> a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times |
| 81. national se_____ty | <i>n.</i> the state of being free from danger, risk, or harm; measures taken to protect against threats or attacks; a financial asset, such as a stock or bond that derives value exclusively from the ownership interest or claim to a particular underlying asset or obligation |
| 82. the ancient Egyptian st___es | <i>n.</i> a sculpture of a person or animal, typically made of stone or metal, that is intended to represent the subject in a lifelike or symbolic way |
| 83. mi_____re camera | <i>adj.</i> being on a very small scale |
| 84. driving di_____ce | <i>n.</i> the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance |

ANSWERS: 77. practical, 78. stack, 79. indirect, 80. cube, 81. security, 82. statue, 83. miniature, 84. distance

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| 85. de__h camera | <i>n.</i> the distance between the top and bottom of something; between the top surface and a distance below it |
| 86. parallel com_____on | <i>n.</i> the act or process of calculating something, especially an answer or amount, by using a machine or calculator |
| 87. on_____ng traffic | <i>adj.</i> approaching or moving toward a particular person or place; relating to something that is coming toward the observer |
| 88. m_d culture | <i>n.</i> a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers |
| 89. de___t smuggling across borders | <i>v.</i> to find or recognize something, especially something difficult to see, hear, etc. |
| 90. sp___h water | <i>v.</i> to cause liquid to scatter in irregular drops, especially with force |
| 91. ex_____ng football player | <i>adj.</i> causing a lot of interest or excitement |
| 92. Euclidean ge_____ry | <i>n.</i> the area of pure mathematics that deals with the points, lines, curves, and surfaces |
| 93. dis_____ue scene | <i>n.</i> a nightclub or restaurant where recorded music is played, and people dance |

ANSWERS: 85. depth, 86. computation, 87. oncoming, 88. mod, 89. detect, 90. splash, 91. exciting, 92. geometry, 93. discotheque

103. new di_____on	<i>n.</i> a measurable extent of a particular kind, such as width, height, or length
104. pu__e waves	<i>n.</i> the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
105. c__e root	<i>n.</i> a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times
106. the st_____re of a machine	<i>n.</i> the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
107. dis_____ue party	<i>n.</i> a nightclub or restaurant where recorded music is played, and people dance
108. su_____ro movies	<i>n.</i> a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public
109. al_____hm for image processing	<i>n.</i> a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
110. thirty cen_____ers tall	<i>n.</i> a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
111. early pr_____pe	<i>n.</i> a first or preliminary example of something such as a device or vehicle from which other forms are developed

ANSWERS: 103. dimension, 104. pulse, 105. cube, 106. structure, 107. discotheque, 108. superhero, 109. algorithm, 110. centimeter, 111. prototype

112. bo___e across the floor *v.* to cause to move up or away after hitting a surface; to spring back
113. an ill_____ing answer *adj.* making something clear or easy to understand; providing light
114. 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
115. Olympic di___s *n.* a heavy, flat round object that is thrown in athletic competitions, consisting of a central hub with a raised rim and a metal or wooden plate attached to the edge, which is thrown by spinning rapidly and releasing it from the hand
116. nan_____nd laser pulse *n.* one thousand millionth or billionth (= 0.000,000,001) of a second
117. co____t a background check *v.* to organize and carry out a particular activity
118. or____ry annual revenue *adj.* not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree
119. increase sl_____ly *adv.* in a small degree or extent; a little
120. sc____r around the internet *v.* to cause to separate and go in different directions
121. in____ct taxation *adj.* happening in addition to the main or intended aim, cause or result, often in a way that is not obvious; not following the shortest or straight way

ANSWERS: 112. bounce, 113. illuminating, 114. develop, 115. discuss, 116. nanosecond, 117. conduct, 118. ordinary, 119. slightly, 120. scatter, 121. indirect

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| 122. high vo___e | <i>n.</i> the amount of space occupied by an object or substance; the magnitude of sound |
| 123. she is ma__c | <i>n.</i> beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers |
| 124. guarantee re____le delivery | <i>adj.</i> worthy of being relied on; trustworthy |
| 125. se____ty analyst | <i>n.</i> the state of being free from danger, risk, or harm; measures taken to protect against threats or attacks; a financial asset, such as a stock or bond that derives value exclusively from the ownership interest or claim to a particular underlying asset or obligation |
| 126. pic_____nd pulse | <i>n.</i> a unit of time that is equal to one trillionth (10^{-12}) of a second |
| 127. dr___n wing | <i>n.</i> a mythical monster typically depicted as a giant reptile with wings, claws, and a fiery breath often portrayed as being fierce and dangerous |
| 128. sl_____ly alkaline soils | <i>adv.</i> in a small degree or extent; a little |
| 129. s__t and tie restaurant | <i>n.</i> a set of clothes that are made from the same material; a claim or complaint that a person or organization can file in court against another party; (verb) to be fit or acceptable for |
| 130. sp___h everywhere | <i>v.</i> to cause liquid to scatter in irregular drops, especially with force |

ANSWERS: 122. volume, 123. magic, 124. reliable, 125. security, 126. picosecond, 127. dragon, 128. slightly, 129. suit, 130. splash

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| 131. theory of com_____on | <i>n.</i> the act or process of calculating something, especially an answer or amount, by using a machine or calculator |
| 132. st___k of luck | <i>n.</i> a long, narrow mark or band, typically one of a different color or texture from the surrounding surface; a brief period or run of success, luck, or behavior; a consistent pattern of behavior or a distinguishing characteristic of an individual |
| 133. d_t blot method | <i>n.</i> a very small circular mark, especially one that is printed |
| 134. bu___y packaging | <i>adj.</i> taking up much space or being difficult to move because of its size or weight; large and unwieldy |
| 135. pic_____nd resolution | <i>n.</i> a unit of time that is equal to one trillionth (10^{-12}) of a second |
| 136. mi_____re version | <i>adj.</i> being on a very small scale |
| 137. vi_____ze flying through space | <i>v.</i> to form a mental image or concept of something; to make something visible |
| 138. occupational ha____d | <i>n.</i> something dangerous and likely to cause damage |
| 139. dr____n fruit | <i>n.</i> a mythical monster typically depicted as a giant reptile with wings, claws, and a fiery breath often portrayed as being fierce and dangerous |
| 140. rec_____ct an image | <i>v.</i> to build or form something again that has been damaged or destroyed |

ANSWERS: 131. computation, 132. streak, 133. dot, 134. bulky, 135. picosecond, 136. miniature, 137. visualize, 138. hazard, 139. dragon, 140. reconstruct

141. cutting-edge inn_____on	<i>n.</i> the creation of a new device or process resulting from study and experimentation
142. the crosswise di_____on	<i>n.</i> a measurable extent of a particular kind, such as width, height, or length
143. the RSA al_____hm	<i>n.</i> a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
144. exp_____nt design	<i>n.</i> the scientific test conducted to observe what happens and gain new knowledge
145. on_____ng disaster	<i>adj.</i> approaching or moving toward a particular person or place; relating to something that is coming toward the observer
146. ca_____e a glimpse	<i>v.</i> to catch a person or an animal and confine them in an area which they cannot escape
147. the characters that re_____nt numbers	<i>v.</i> to speak, act, or be present on behalf of another person or group; to form or constitute
148. an in____r pool	<i>adj.</i> located, happened, or used inside a building
149. a di_____t memory	<i>adj.</i> far away in space, time, or where you are; far apart in relevance, relationship, or kinship
150. nan_____nd response	<i>n.</i> one thousand millionth or billionth (= 0.000,000,001) of a second
151. a co__c hat	<i>adj.</i> funny and making you laugh

ANSWERS: 141. innovation, 142. dimension, 143. algorithm, 144. experiment, 145. oncoming, 146. capture, 147. represent, 148. indoor, 149. distant, 150. nanosecond, 151. comic

152. many tr____ons of dollars	<i>n.</i> the number 1,000,000,000,000; a million million
153. gl____y photograph	<i>adj.</i> having a smooth, shiny surface or finish; characterized by an attractive, polished appearance; often used to describe photographs or printed materials with a high-quality finish
154. complete a pr____pe product	<i>n.</i> a first or preliminary example of something such as a device or vehicle from which other forms are developed
155. vi____ze data	<i>v.</i> to form a mental image or concept of something; to make something visible
156. ar____l at a conclusion	<i>n.</i> the act or situation of coming or being brought to a place; accomplishment of an objective
157. ph____n emission	<i>n.</i> a unit or quantum of electromagnetic energy, typically regarded as a particle that is the basic constituent of all light and other forms of electromagnetic radiation
158. an unexpected si__t	<i>n.</i> the ability to see; anything that is seen
159. vi____e stars	<i>adj.</i> capable of being seen; or open to easy view
160. ex____e the world	<i>v.</i> to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
161. inc____le amount	<i>adj.</i> unbelievable; enormous

ANSWERS: 152. trillion, 153. glossy, 154. prototype, 155. visualize, 156. arrival, 157. photon, 158. sight, 159. visible, 160. explore, 161. incredible

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| 162. bl__d to the beauties | <i>adj.</i> unable to see; unable or unwilling to perceive or understand the true nature of something |
| 163. dull si__t | <i>n.</i> the ability to see; anything that is seen |
| 164. sup_____er leader | <i>n.</i> a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities |
| 165. fo_____te situation | <i>adj.</i> having good luck or lucky |
| 166. ph___n energy | <i>n.</i> a unit or quantum of electromagnetic energy, typically regarded as a particle that is the basic constituent of all light and other forms of electromagnetic radiation |
| 167. grand fi_____rk display | <i>n.</i> a device that produces a colorful display of light and sound when it is ignited |

ANSWERS: 162. blind, 163. sight, 164. superpower, 165. fortunate, 166. photon, 167. firework

Session 3: Fill in the Blanks

1. Table tennis is an _____ sport.
adj. located, happened, or used inside a building
2. Superman is a classic _____ known for his superhuman strength and flying ability.
n. a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public
3. In Chinese mythology, _____ are considered powerful and benevolent creatures.
n. a mythical monster typically depicted as a giant reptile with wings, claws, and a fiery breath often portrayed as being fierce and dangerous
4. The security camera has _____ four intruders.
v. to find or recognize something, especially something difficult to see, hear, etc.
5. She is still _____ from a shot to her shoulder.
v. to return to a former condition, health, mind, or strength
6. The pond's _____ was around five feet.
n. the distance between the top and bottom of something; between the top surface and a distance below it
7. He couldn't wait to hit the _____ and dance the night away.
n. a nightclub or restaurant where recorded music is played, and people dance
8. The economy is growing at a supercharged _____.
n. the speed at which someone or something moves, or the rate at which something happens or changes

ANSWERS: 1. indoor, 2. superhero, 3. dragons, 4. detected, 5. recovering, 6. depth, 7. discotheque, 8. pace

9. The earthquake caused a _____ of lumber to crumble noisily.
n. a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
10. _____ engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.
adj. relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
11. Her concept is highly _____ and helpful.
adj. of or connected with actual use or real situation rather than with theory and ideas
12. Her response revealed _____ idiocy.
adj. unbelievable; enormous
13. The athlete's personal best in the _____ throw earned her a spot on the national team.
n. a heavy, flat round object that is thrown in athletic competitions, consisting of a central hub with a raised rim and a metal or wooden plate attached to the edge, which is thrown by spinning rapidly and releasing it from the hand
14. Lost mobile phones lead to another potential _____ regarding privacy.
n. something dangerous and likely to cause damage
15. The _____ of the dancers on stage was graceful and elegant.
n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

ANSWERS: 9. stack, 10. Biomedical, 11. practical, 12. incredible, 13. discus, 14. hazard, 15. movement

16. We can evaluate the performance of an _____ in terms of computation time.
- n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
17. The ability to fly like a bird is often considered a _____ in comic books and movies.
- n.* a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities
18. Infrared cameras detect _____ in the infrared range of the electromagnetic spectrum.
- n.* a unit or quantum of electromagnetic energy, typically regarded as a particle that is the basic constituent of all light and other forms of electromagnetic radiation
19. The lecture was _____ and gave me a new perspective on the topic.
- adj.* making something clear or easy to understand; providing light
20. They've decided to _____ a ruined castle.
- v.* to build or form something again that has been damaged or destroyed
21. 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
22. Competition between countries resulted in fast technological _____.
- n.* the development, improvement, or progress of something

ANSWERS: 16. algorithm, 17. superpower, 18. photons, 19. illuminating, 20. reconstruct, 21. improvisation, 22. advancement

23. She loves to hike _____ and explore nature.

adv. in or into the open air; outside a building or structure

24. My home is easily _____ from the shore.

adj. capable of being seen; or open to easy view

25. The magazine cover had a _____ finish, making the images shine.

adj. having a smooth, shiny surface or finish; characterized by an attractive, polished appearance; often used to describe photographs or printed materials with a high-quality finish

26. The mathematician pioneered fractal _____.

n. the area of pure mathematics that deals with the points, lines, curves, and surfaces

27. The cardiac monitor displays the intensity of your _____.

n. the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves

28. The building's _____ system includes cameras, alarms, and security guards.

n. the state of being free from danger, risk, or harm; measures taken to protect against threats or attacks; a financial asset, such as a stock or bond that derives value exclusively from the ownership interest or claim to a particular underlying asset or obligation

29. The _____ session of the Diet opened.

adj. not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree

ANSWERS: 23. outdoors, 24. visible, 25. glossy, 26. geometry, 27. pulse, 28. security, 29. ordinary

30. The sun set over the crest of _____ hills.

adj. far away in space, time, or where you are; far apart in relevance, relationship, or kinship

31. The findings of the experiment were both _____ and unexpected.

adj. causing a lot of interest or excitement

32. 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

33. He did complicated pen-and-ink drawings like medieval _____.

adj. being on a very small scale

34. Mercury is the closest _____ to the sun.

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

35. She was nearly _____ due to severe diabetes.

adj. unable to see; unable or unwilling to perceive or understand the true nature of something

36. The _____ of the famous hero stood proudly in the town square.

n. a sculpture of a person or animal, typically made of stone or metal, that is intended to represent the subject in a lifelike or symbolic way

37. The computer processor can execute instructions in a _____.

n. a unit of time that is equal to one trillionth (10^{-12}) of a second

ANSWERS: 30. distant, 31. exciting, 32. capture, 33. miniatures, 34. planet, 35. blind, 36. statue, 37. picosecond

38. The government announced a plan for the _____ of the city's infrastructure.

- n.* the process of rebuilding or repairing something that has been damaged or destroyed or of restoring something to its original condition

39. Six _____ are awaiting trial or verdict.

- n.* a set of clothes that are made from the same material; a claim or complaint that a person or organization can file in court against another party; (verb) to be fit or acceptable for

40. I wore a comfortable _____ on my flight to Europe.

- n.* a two-piece athletic outfit consisting of a jacket and pants, often made of lightweight and breathable material, commonly worn during exercise or athletic activities

41. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.

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

42. The processor performs calculations on the _____ timescale.

- n.* one thousand millionth or billionth (= 0.000,000,001) of a second

43. The marathon runner covered a long _____ in a short amount of time.

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

44. The organizational _____ of start-ups is often flat and straightforward.

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

ANSWERS: 38. reconstruction, 39. suits, 40. tracksuit, 41. lab, 42. nanosecond, 43. distance, 44. structure

45. Police will _____ random breath testing for drunk driving.
v. to organize and carry out a particular activity
46. The wallpaper had a pattern of pink _____ on a white surface.
n. a very small circular mark, especially one that is printed
47. The _____ for the video game added new features and improved gameplay.
n. a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers
48. The company holds patents on core components of _____ jet printers.
n. a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
49. _____ robots that can cooperate with humans have limited motor output for safety.
adj. having the capacity for thought and reason, especially to a high degree
50. The flying car is presently in the _____ stage.
n. a first or preliminary example of something such as a device or vehicle from which other forms are developed
51. One light year is nearly 6 _____ miles.
n. the number 1,000,000,000,000; a million million
52. I cut the cheese into small _____ for the salad.
n. a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times

ANSWERS: 45. conduct, 46. dots, 47. mod, 48. laser, 49. Intelligent, 50. prototype, 51. trillion, 52. cubes

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

adj. worthy of being relied on; trustworthy

54. 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

55. The management must _____ strategies to increase office security.

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

56. They will _____ between various emotional states.

v. to cause to move up or away after hitting a surface; to spring back

57. The building makes a remarkable _____ impact.

adj. relating to seeing or sight

58. She tried to _____ the layout of the new house in her mind.

v. to form a mental image or concept of something; to make something visible

59. Many famous _____ are within walking distance.

n. the ability to see; anything that is seen

60. He performed _____ tricks with sophisticated moves.

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

61. He moved his body _____ to the left.

adv. in a small degree or extent; a little

ANSWERS: 53. reliable, 54. innovation, 55. explore, 56. bounce, 57. visual, 58. visualize, 59. sights, 60. magic, 61. slightly

62. The mountain was _____ with snow.

v. to cause liquid to scatter in irregular drops, especially with force

63. The hunter's approach _____ the geese.

v. to cause to separate and go in different directions

64. The different _____ of his personality make him a complex individual.

n. one of the many aspects or sides of a subject or situation, especially when seen from different angles or perspectives; a particular feature or characteristic of something

65. The driver had to swerve to avoid an _____ car that veered into his lane.

adj. approaching or moving toward a particular person or place; relating to something that is coming toward the observer

66. He was pretty _____ to pass the exam.

adj. having good luck or lucky

67. The robot can accurately _____ construction material.

v. to specify or determine the exact position of someone or something

68. The _____ furniture made it difficult to move around the small room.

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

69. His _____ showed highly positive results.

n. the scientific test conducted to observe what happens and gain new knowledge

70. We elected him to _____ us at the international conference.

v. to speak, act, or be present on behalf of another person or group; to form or constitute

ANSWERS: 62. splashed, 63. scattered, 64. facets, 65. oncoming, 66. fortunate, 67. locate, 68. bulky, 69. experiments, 70. represent

71. The detective looked for fingerprints on the window _____.
n. a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
72. He tried to _____ his rival by breaking the world record.
v. to do better than someone; to surpass
73. Overall _____ are approximately 400x200mm.
n. a measurable extent of a particular kind, such as width, height, or length
74. The children were excited to see the _____ show.
n. a device that produces a colorful display of light and sound when it is ignited
75. He had a _____ of stubbornness that made him difficult to work with.
n. a long, narrow mark or band, typically one of a different color or texture from the surrounding surface; a brief period or run of success, luck, or behavior; a consistent pattern of behavior or a distinguishing characteristic of an individual
76. The novel is _____ and tragic.
adj. funny and making you laugh
77. The room was only one _____ wider than the piano, making it a tight fit.
n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
78. 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: 71. frame, 72. outdo, 73. dimensions, 74. firework, 75. streak, 76. comic, 77. centimeter, 78. develop

79. He expressed his dissatisfaction in an _____ way.

adj. happening in addition to the main or intended aim, cause or result, often in a way that is not obvious; not following the shortest or straight way

80. Weather forecasters are predicting the _____ of a heatwave.

n. the act or situation of coming or being brought to a place; accomplishment of an objective

81. This container has a _____ of 10 cubic meters.

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

82. She stood on the podium and _____ an audience.

v. to examine something hastily, with the eyes or with a machine, to get information

83. 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

84. The researcher demonstrated the superiority of quantum _____ in several mathematical tasks.

n. the act or process of calculating something, especially an answer or amount, by using a machine or calculator

ANSWERS: 79. indirect, 80. arrival, 81. volume, 82. scanned, 83. discovery, 84. computation