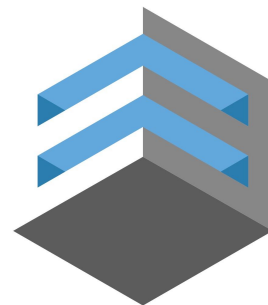


# Englist.me



## Vocabulary Builder Reference from...

*Megan McArthur: A NASA astronaut's lessons on fear, confidence and preparing for spaceflight | TED Talk*

[https://www.ted.com/talks/megan\\_mcarthur\\_a\\_nasa\\_astronaut\\_s\\_lessons\\_on\\_fear\\_confidence\\_and\\_preparing\\_for\\_spaceflight](https://www.ted.com/talks/megan_mcarthur_a_nasa_astronaut_s_lessons_on_fear_confidence_and_preparing_for_spaceflight)

### All Words

#### IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

## Session 1: Word List

### pat

v. to touch or tap something lightly and usually in a friendly or encouraging manner; to apply or rub lightly and repetitively

*synonym*: tap, stroke, caress

(1) **pat** on the back, (2) **pat** a dog

She **patted** the puppy on the head and gave it a treat.

### separate

v. to force, take, or pull apart; mark as different

*synonym*: disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

### telescope

n. a device like a tube in shape containing lenses used to magnify and observe distant objects

(1) a binocular **telescope**, (2) look through a **telescope**

This facility has the largest astronomical **telescope** in the country.

**bob**

v. to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders

*synonym*: bobble, bounce, wag

(1) **bob** a quick curtsy, (2) **bob** on the surface of the water  
I need to **bob** my head to the beat of the music.

**construct**

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

*synonym*: build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam  
He **constructs** hypotheses that no mathematician has ever imagined before.

**awry**

*adv.* in a wrong or crooked position; out of order; amiss

*synonym*: amiss, askew, incorrect

(1) **awry** plan, (2) **awry** hair  
The plans for the surprise party went **awry** when the cake was ruined.

**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.

**rescue**

v. to save someone or something from a dangerous or difficult situation

*synonym*: save, extricate, retrieve

(1) **rescue** a dying dog, (2) **rescue** a company from bankruptcy  
The fire department arrived just in time to **rescue** the family from the burning building.

**craft**

n. an activity that requires a particular skill in making things with one's hands

*synonym* : art, skill, workmanship

(1) **craft** arts of Japan, (2) **craft** manufacture

His hometown was where he first acquired the **craft** of wood carving.

## launch

*v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

*synonym* : start, initiate, begin

(1) **launch** a spaceship into orbit, (2) **launch** a big attack

The company is set to **launch** its new product line next month.

## excitement

*n.* a feeling of great enthusiasm and eagerness

*synonym* : thrill, exhilaration, incitement

(1) the **excitement** in the business world, (2) aesthetic **excitement**

The **excitement** of the upcoming concert was palpable among the crowd.

## anxiety

*n.* a feeling of worry, nervousness, or unease about something that is happening or might happen in the future

*synonym* : concern, dread, agita

(1) diagnosis of **anxiety** disorder, (2) **anxiety** for knowledge  
She waited for her daughter with **anxiety**.

## rocket

*n.* a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

*synonym* : projectile, missile

(1) **rocket** attack against the enemy, (2) **rocket** fuel

The **rocket** launch platform is visible from this hill.

## 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.

## **rail**

*n.* a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly

*synonym*: bar, beam, (verb) criticize

(1) **rail** system, (2) **rail** against his enemies

The children leaned over the bridge **rail** to watch the fish swimming below.

## **countdown**

*n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline

*synonym*: timer

(1) **countdown** clock, (2) wedding **countdown**

The **countdown** to launch began as the astronauts prepared for their mission.

## **liftoff**

*n.* the moment when a spacecraft or other vehicle takes off and lifts off the ground; the act or process of launching or beginning an endeavor

*synonym*: takeoff, launching, ascent

(1) **liftoff** time, (2) **liftoff** procedure

The spacecraft had a successful **liftoff**, launching into the atmosphere.

## **outpouring**

*n.* a sudden and abundant flow or expression of thoughts, feelings, emotion, or information; an overwhelming amount of something expressed in a short period of time

*synonym*: outflow, surge, torrent

(1) artistic **outpouring**, (2) emotional **outpouring**

The **outpouring** of support from the community was overwhelming after the tragic event.

## emotion

*n.* a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others

*synonym*: feeling, sentiment, passion

(1) control my **emotion**, (2) afraid to show **emotion**

Some **emotions** are common across cultures and backgrounds.

## terror

*n.* intense fear; a state of intense fear or alarm

*synonym*: fear, alarm, horror

(1) **terror** attack, (2) **terror** group

The bomb blast spread **terror** among the people.

## accomplished

*adj.* having completed a task or achieved a goal successfully; skilled or proficient at something

*synonym*: achieved, finished, completed

(1) **accomplished** at a very early age, (2) **accomplished** goal

She felt **accomplished** after finishing her book.

## astronaut

*n.* a person trained by a space agency to travel outside the Earth's atmosphere

*synonym*: spaceman, cosmonaut

(1) **astronaut** mission, (2) **astronaut** in training

The shuttle **astronaut** trained for months before embarking on the space mission.

## flee

*v.* to leave by running away, especially out of fear or danger

*synonym*: exit, escape, run away

(1) **flee** their homes, (2) **flee** abroad

It is a basic instinct to **flee** from a dangerous situation.

## 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.

## chief

*adj.* most important or primary; (noun) a person who is in charge

*synonym*: essential, primary, leading

(1) **chief** accountant, (2) **chief** events of the year

Mining is a **chief** source of income for the country.

## terrifying

*adj.* very frightening or intimidating

*synonym*: frightening, intimidating, alarming

(1) **terrifying** experience, (2) **terrifying** events

Large earthquakes often generate **terrifying** tsunamis.

## rooftop

*n.* the upper surface or cover of a building's roof, often used for recreational or other purposes

*synonym*: roof, terrace, deck

(1) **rooftop** live, (2) **rooftop** deck

They held the dinner party on the **rooftop** terrace, enjoying the beautiful view of the city.

## contribute

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

*synonym*: donate, devote, commit

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

(2) **contribute** to society

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

## helpless

*adj.* unable to take care of oneself or to do things without help

*synonym*: defenseless, powerless, susceptible

(1) **helpless** baby, (2) **helpless** victims

I feel so **helpless** without you.

## preparation

*n.* the activity of getting ready for something or making something ready

*synonym*: practice, trial, rehearsal

(1) a **preparation** program, (2) the **preparation** of meals  
He helped me with the **preparation** of this book.

## 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.

## cockpit

*n.* the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft

*synonym*: flight deck, control room, bridge

(1) navigator's **cockpit**, (2) **cockpit** ship

The pilot sat in the **cockpit** of the airplane.

## reaction

*n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

*synonym*: response, reply, answer

(1) chemical **reaction**, (2) trigger a **reaction**

There was a chemical **reaction** of the lime with the groundwater.

## obvious

*adj.* easy to see, discover or understand

*synonym*: apparent, conspicuous, evident

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

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

## norm

*n.* something that is regarded as usual, typical, or standard  
*synonym*: criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

## confer

*v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

*synonym*: consult, meet, discuss

(1) **confer** degree, (2) **confer** honor

The leaders of the two countries met to **confer** on the issue.

## jar

*n.* a cylindrical container, typically made of glass, metal, or pottery, with a wide mouth and a screwed or sealed lid, used for storing food, liquids, and other materials

*synonym*: container, vessel, pot

(1) a **jar** of jam, (2) a water **jar**

He placed the coins in a **jar** to save for a trip.

## quote

*v.* to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services

*synonym*: cite, reference, mention

(1) **quote** a source, (2) **quote** a price

In his speech, he **quoted** a famous philosopher to emphasize his point.

## pilot

*n.* a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water

*synonym*: aviator, flyer, chief

(1) a test **pilot**, (2) **pilot** production

The **pilot** exercised great care in landing.

## spacecraft

*n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

*synonym*: spaceship, satellite, probe

(1) **spacecraft** launch, (2) alien **spacecraft**

The human-crewed **spacecraft** successfully landed on the moon, fulfilling its mission.

## foremost

*adj.* most important, leading, or prominent

*synonym*: leading, primary, first

(1) **foremost** expert, (2) keep **foremost** in mind

The **foremost** priority is the safety of the passengers.

## perspective

*n.* a confident attitude toward something; a particular style of thinking about something

*synonym*: viewpoint, standpoint, outlook

(1) a **perspective** view, (2) the **perspective** of the battle

His father's death changed his whole **perspective** on life.

## appreciate

*v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone

*synonym*: acknowledge, admire, enjoy

(1) **appreciate** her feedback, (2) **appreciate** the value

We would **appreciate** an early reply.

## remark

*n.* a comment or observation, or something said or written about a particular subject or situation; (verb) to give a spoken statement on a particular subject or situation

*synonym*: comment, observation, statement

(1) a flattering **remark**, (2) **remark** dripping with bitterness

His candid **remark** at the meeting sparked a lively discussion among the attendees.

## exploration

*n.* the activity of searching and finding out about something through a place

*synonym*: inquiry, quest, investigation

(1) future of space **exploration**, (2) an Arctic **exploration**

He called for a careful **exploration** of the consequences.

## 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**.

## engage

*v.* to attract and keep someone's attention and interest; to participate in or obtain services of something

*synonym*: confront, employ, amuse

(1) **engage** in environmental protection activities,

(2) **engage** a new employee

Many multinational companies are **engaged** in the reconstruction of that country.

## challenger

*n.* a person or thing that challenges or competes with someone or something else; a contestant in a competition or challenge

*synonym*: contender, rival, contestant

(1) **challenger** brand, (2) political **challenger**

The **challenger** in the boxing match put up a good fight.

## tragic

*adj.* causing great sadness or suffering; very unfortunate

*synonym*: calamitous, disastrous, catastrophic

(1) **tragic** love stories, (2) **tragic** death

The **tragic** events of the war left many families torn apart.

## explode

*v.* to burst or break open violently and noisily; to cause something to burst or break open

*synonym*: detonate, blast, rupture

(1) **explode** in anger, (2) **explode** in popularity

The old building **exploded** in a fiery inferno.

## confront

*v.* to face, meet or deal with a problem or difficult situation or person

*synonym*: engage, encounter, contend

(1) **confront** a global warming, (2) **confront** the issue

He finally decided to **confront** problems directly.

## **brave**

*adj.* showing courage or fearlessness in the face of danger, difficulty, or adversity

*synonym*: courageous, valiant, heroic

(1) **brave** soldier, (2) **brave** decision

The **brave** firefighter rescued the family from the burning building.

## **breath**

*n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs

*synonym*: air, puff, whiff

(1) hold your **breath**, (2) **breath** of wind

He bated his **breath** when talking about this affair.

## **accomplish**

*v.* to finish or achieve something successfully

*synonym*: achieve, complete, execute

(1) **accomplish** a goal, (2) **accomplish** military operations

Humankind took centuries to **accomplish** true democracy.

## **crux**

*n.* the most important or fundamental part of a matter or situation; the key point or central issue

*synonym*: heart, core, essence

(1) main **crux**, (2) the **crux** of the argument

The **crux** of the matter was that the company was not financially stable.

## **participate**

*v.* to take part in something

*synonym*: take part, partake, enter

(1) **participate** fully in conversation, (2) **participate** in the program

The majority of students actively **participated** in the college's intramural sports program.

## instruct

*v.* to teach someone practical skills or knowledge; to formally order or tell someone to do something

*synonym*: train, coach, guide

(1) **instruct** a student, (2) **instruct** a computer

The facility manager **instructed** the security guards to be on high alert.

## crew

*n.* a group of people who work together, especially on a ship or airplane

*synonym*: team, group, squad

(1) the film **crew**, (2) the **crew** of a fishing boat

The ship's **crew** worked hard to repair the damaged sails before the next storm hit.

## necessarily

*adv.* in an essential manner; in such a way as could not be otherwise

*synonym*: inevitable, certainly, automatically

(1) not **necessarily** a problem, (2) **necessarily** true

This accident was something that happened **necessarily**.

## specific

*adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

*synonym*: particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

## scenario

*n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work

*synonym*: plan, scheme, procedure

(1) the worst case **scenario**, (2) number of different **scenarios**

The president prepared several possible **scenarios** for an enemy attack.

## 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.

## tackle

v. to try to deal with a complex problem or situation

*synonym*: deal with, dive into, work on

(1) **tackle** the issue, (2) help **tackle** climate change

The government is determined to **tackle** sharp inflation.

## unprepared

*adj.* not properly or adequately prepared; lacking preparation; not ready

*synonym*: inexperienced, caught off-guard, ill-equipped

(1) **unprepared** speech, (2) **unprepared** for the exam

The **unprepared** student struggled on the test and received a low grade.

## opportune

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

*synonym*: suitable, timely, practical

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

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

## voluntell

v. (combination of the words "volunteer" and "tell") to assign someone a task or responsibility as if it were voluntary when in fact, it is not

*synonym*: obligate, coerce, press-gang

(1) **voluntell** the students to stay after class, (2) **voluntell** the new hire to lead the project

My boss **voluntells** me to organize the company's holiday party this year.

## assistant

*n.* someone who helps or supports someone else to do a job

*synonym*: aide, helper, associate

(1) an unwilling **assistant**, (2) **assistant** professor

An executive **assistant** director administers each branch.

## reluctant

*adj.* unwilling or hesitant to do something because of doubts or fears

*synonym*: hesitant, unwilling, unenthusiastic

(1) slowly becoming more **reluctant**, (2) **reluctant** readers

He was **reluctant** to share his thoughts on the matter.

## dive

*v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater

*synonym*: dip, leap, plunge

(1) **dive** into anime communities, (2) **dive** off a cliff

The sperm whale can **dive** to 1,000 meters.

## prone

*adj.* inclined or likely to do something or to show a particular characteristic, especially something bad; lying face downward

*synonym*: inclined, susceptible, liable

(1) accident- **prone**, (2) **prone** to diarrhea

He was **prone** to making rash decisions.

## spaceship

*n.* (especially in science fiction) a spacecraft designed to carry a crew into interstellar space

*synonym*: starship, rocket, spacecraft

(1) a **spaceship** to survey the moon, (2) alien **spaceship**

They launched a crewless **spaceship** into space.

## sequence

*n.* a series of related events, actions, numbers, etc., which have a particular order

*synonym*: arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**

We do move forward with those tasks in **sequence** next week.

## orbit

*n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.

*synonym*: path, course, trajectory

(1) the **orbit** of the moon, (2) a planetary **orbit**

The rocket engine is used to put the satellite into **orbit**.

## platform

*n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed

*synonym*: stage, podium, forum

(1) an arrival **platform**, (2) a digital **platform** for enterprise

The speaker mounted the **platform** and started to speak.

## gaze

*v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

*synonym*: stare, gawk, look

(1) **gaze** steadily at his face, (2) **gaze** absently out a window

The youngster was **gazed** at by the beast.

## operate

*v.* to work in a particular way; to supervise something

*synonym*: work, use, employ

(1) **operate** 24 hours a day, (2) manually **operate** a machine

This machine is too difficult to **operate** for me.

## robotic

*adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

*synonym*: automated, mechanical, laborsaving

(1) **robotic** arm, (2) **robotic** guide operation

The surgeon removed the tumor using **robotic** video assistance.

## observe

*v.* to watch or notice something carefully, often to gather information or insights; to take note of something or

someone; to celebrate or commemorate a special event or occasion

*synonym* : watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

## lightning

*n.* a flash, or several flashes, of light that accompanies an electric discharge in the atmosphere, or something resembling such a flash

*synonym* : bolt, electrical discharge

(1) streaks of **lightning**, (2) **lightning** air strike

The human eye is **lightning-fast** in recognizing objects.

## expanse

*n.* a substance, such as water or oil, that flows freely and is neither a solid nor a gas

*synonym* : stretch, field, spread

(1) vast **expanse**, (2) large **expanses**

She looked over the immense **expanse** of the sea.

## dramatic

*adj.* very sudden, very excellent, or full of action and excitement

*synonym* : striking, theatrical, breathtaking

(1) make **dramatic** changes, (2) a **dramatic** rescue at sea

The statement had a **dramatic** impact on house prices.

## 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.

## strike

*v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon

*synonym* : hit, impact, influence

(1) **strike** up a conversation, (2) **strike** a blow  
We **strike** to achieve more wages and safer working conditions.

## static

*adj.* not moving or not capable of moving, not changing or not capable of changing

*synonym*: immobile, unchanging, fixed

(1) **static** electricity, (2) **static** website

The **static** image on the screen took a lot of work to make out.

## vast

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

*synonym*: expansive, extended, boundless

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

A **vast** audience viewed the broadcast.

## incredibly

*adv.* in a way that is very difficult to believe; exceedingly or extremely

*synonym*: enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

## atmosphere

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

*synonym*: air, ambiance, circumstances

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

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

## visceral

*adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

*synonym*: instinctive, intuitive, gut

(1) **visceral** organ, (2) **visceral** fear

After watching the horror movie, she had a **visceral** reaction and couldn't sleep all night.

## urge

*v.* to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist

*synonym*: push for, advise, (noun) impulse

(1) **urge** a total ban, (2) a sexual **urge**

The lobbyist **urged** Congress not to approve the measure.

## universe

*n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

*synonym*: cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**

The **universe** is about 13.8 billion years old.

## Session 2: Spelling

- |   |  |
|---|--|
| 1. se____te video into chapter          | <i>v.</i> to force, take, or pull apart; mark as different   |
| 2. the DNA se____ce                     | <i>n.</i> a series of related events, actions, numbers, etc., which have a particular order  |
| 3. u__e a total ban                     | <i>v.</i> to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist   |
| 4. the or__t of the moon                | <i>n.</i> the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.   |
| 5. 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 |
| 6. 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                                       |
| 7. asset on the company's ba____e sheet | <i>n.</i> a condition in which everything has the same weight or force; something left after other parts have been taken away  |
| 8. get inc____ly insecure               | <i>adv.</i> in a way that is very difficult to believe; exceedingly or extremely   |

ANSWERS: 1. separate, 2. sequence, 3. urge, 4. orbit, 5. develop, 6. distance, 7. balance, 8. incredibly

- |                                    |  |
|------------------------------------|--|
| 9. con_____te to society           | <i>v.</i> to give something, especially money or goods, to provide or achieve something together with other people                             |
| 10. accident-pr__e                 | <i>adj.</i> inclined or likely to do something or to show a particular characteristic, especially something bad; lying face downward           |
| 11. number of different sc_____ios | <i>n.</i> a description of possible actions or events in the future; a written outline of a play, film, or literary work                       |
| 12. alien sp_____ip                | <i>n.</i> (especially in science fiction) a spacecraft designed to carry a crew into interstellar space  |
| 13. co_____ct a 3D image           | <i>v.</i> to build or create something; to assemble or combine different parts to form something whole   |
| 14. cr__t manufacture              | <i>n.</i> an activity that requires a particular skill in making things with one's hands   |
| 15. streaks of li_____ng           | <i>n.</i> a flash, or several flashes, of light that accompanies an electric discharge in the atmosphere, or something resembling such a flash |
| 16. an_____y for knowledge         | <i>n.</i> a feeling of worry, nervousness, or unease about something that is happening or might happen in the future                           |
| 17. acc_____hed goal               | <i>adj.</i> having completed a task or achieved a goal successfully; skilled or proficient at something  |
| 18. pr__e to diarrhea              | <i>adj.</i> inclined or likely to do something or to show a particular characteristic, especially something bad; lying face downward           |

ANSWERS: 9. contribute, 10. prone, 11. scenario, 12. spaceship, 13. construct, 14. craft, 15. lightning, 16. anxiety, 17. accomplished, 18. prone

19. keep fo____st in mind	<i>adj.</i> most important, leading, or prominent
20. nec____ly true	<i>adv.</i> in an essential manner; in such a way as could not be otherwise
21. a civil en____er	<i>n.</i> a person whose job is designing, building, or maintaining something such as machines, structures, or software
22. ex____e in popularity	<i>v.</i> to burst or break open violently and noisily; to cause something to burst or break open
23. he____ss victims	<i>adj.</i> unable to take care of oneself or to do things without help
24. ro____c guide operation	<i>adj.</i> of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
25. the worst case sc____io	<i>n.</i> a description of possible actions or events in the future; a written outline of a play, film, or literary work
26. the exc____nt in the business world	<i>n.</i> a feeling of great enthusiasm and eagerness
27. op____e 24 hours a day	<i>v.</i> to work in a particular way; to supervise something
28. te____r attack	<i>n.</i> intense fear; a state of intense fear or alarm
29. industry-sp____ic regulations	<i>adj.</i> clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
30. help ta____e climate change	<i>v.</i> to try to deal with a complex problem or situation

ANSWERS: 19. foremost, 20. necessarily, 21. engineer, 22. explode, 23. helpless, 24. robotic, 25. scenario, 26. excitement, 27. operate, 28. terror, 29. specific, 30. tackle

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| 31. g__e steadily at his face | <i>v.</i> to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else  |
| 32. cultural n__m             | <i>n.</i> something that is regarded as usual, typical, or standard  |
| 33. chemical re____on         | <i>n.</i> a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others  |
| 34. he____ss baby             | <i>adj.</i> unable to take care of oneself or to do things without help  |
| 35. en____er shortage         | <i>n.</i> a person whose job is designing, building, or maintaining something such as machines, structures, or software  |
| 36. an arrival pl____rm       | <i>n.</i> the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed |
| 37. co____r honor             | <i>v.</i> to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something  |
| 38. control my em____n        | <i>n.</i> a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others   |
| 39. co____nt the issue        | <i>v.</i> to face, meet or deal with a problem or difficult situation or person  |
| 40. an op____ne remark        | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose  |

ANSWERS: 31. gaze, 32. norm, 33. reaction, 34. helpless, 35. engineer, 36. platform, 37. confer, 38. emotion, 39. confront, 40. opportune

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| 41. fo____st expert                  | <i>adj.</i> most important, leading, or prominent  |
| 42. ex____e in anger                 | <i>v.</i> to burst or break open violently and noisily; to cause something to burst or break open  |
| 43. ob____e a tradition              | <i>v.</i> to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion |
| 44. a convivial atm____re            | <i>n.</i> the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work   |
| 45. the ba____e of power             | <i>n.</i> a condition in which everything has the same weight or force; something left after other parts have been taken away  |
| 46. trigger a re____on               | <i>n.</i> a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others                                      |
| 47. co____t ship                     | <i>n.</i> the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft   |
| 48. re____k dripping with bitterness | <i>n.</i> a comment or observation, or something said or written about a particular subject or situation; (verb) to give a spoken statement on a particular subject or situation         |
| 49. the se____ce of the seasons      | <i>n.</i> a series of related events, actions, numbers, etc., which have a particular order  |

ANSWERS: 41. foremost, 42. explode, 43. observe, 44. atmosphere, 45. balance, 46. reaction, 47. cockpit, 48. remark, 49. sequence

50. an Arctic exp_____on	<i>n.</i> the activity of searching and finding out about something through a place
51. acc_____sh a goal	<i>v.</i> to finish or achieve something successfully
52. 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
53. as___n projects	<i>v.</i> to give a specific job or piece of work to a someone
54. de_____p a strategy	<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
55. st___e a blow	<i>v.</i> to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
56. a sp_____ip to survey the moon	<i>n.</i> (especially in science fiction) a spacecraft designed to carry a crew into interstellar space
57. ter_____ng experience	<i>adj.</i> very frightening or intimidating
58. the pre_____on of meals	<i>n.</i> the activity of getting ready for something or making something ready
59. make dr_____ic changes	<i>adj.</i> very sudden, very excellent, or full of action and excitement
60. b_b on the surface of the water	<i>v.</i> to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders

ANSWERS: 50. exploration, 51. accomplish, 52. laser, 53. assign, 54. develop, 55. strike, 56. spaceship, 57. terrifying, 58. preparation, 59. dramatic, 60. bob

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| 61. theory of the un_____se            | <i>n.</i> everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy   |
| 62. se_____te cream from milk          | <i>v.</i> to force, take, or pull apart; mark as different   |
| 63. manually op_____e a machine        | <i>v.</i> to work in a particular way; to supervise something  |
| 64. co_____wn clock                    | <i>n.</i> a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline                  |
| 65. a j_r of jam                       | <i>n.</i> a cylindrical container, typically made of glass, metal, or pottery, with a wide mouth and a screwed or sealed lid, used for storing food, liquids, and other materials                            |
| 66. ter_____ng events                  | <i>adj.</i> very frightening or intimidating   |
| 67. the c__x of the argument           | <i>n.</i> the most important or fundamental part of a matter or situation; the key point or central issue  |
| 68. a digital pl_____rm for enterprise | <i>n.</i> the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed |
| 69. a per_____ve view                  | <i>n.</i> a confident attitude toward something; a particular style of thinking about something  |

ANSWERS: 61. universe, 62. separate, 63. operate, 64. countdown, 65. jar, 66. terrifying, 67. crux, 68. platform, 69. perspective

70. a planetary or__t	<i>n.</i> the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
71. br__e decision	<i>adj.</i> showing courage or fearlessness in the face of danger, difficulty, or adversity
72. navigator's co____t	<i>n.</i> the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft
73. v__t majority	<i>adj.</i> enormous in size, number, amount, or quantity
74. alien spa_____ft	<i>n.</i> a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
75. hold your br___h	<i>n.</i> the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
76. carbon dioxide in the atm_____re	<i>n.</i> the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
77. unp_____ed for the exam	<i>adj.</i> not properly or adequately prepared; lacking preparation; not ready
78. ro___t attack against the enemy	<i>n.</i> a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
79. artistic out_____ng	<i>n.</i> a sudden and abundant flow or expression of thoughts, feelings, emotion, or information; an overwhelming amount of something expressed in a short period of time

ANSWERS: 70. orbit, 71. brave, 72. cockpit, 73. vast, 74. spacecraft, 75. breath, 76. atmosphere, 77. unprepared, 78. rocket, 79. outpouring

80. main c__x	<i>n.</i> the most important or fundamental part of a matter or situation; the key point or central issue
81. political cha_____er	<i>n.</i> a person or thing that challenges or competes with someone or something else; a contestant in a competition or challenge
82. in_____ct a student	<i>v.</i> to teach someone practical skills or knowledge; to formally order or tell someone to do something
83. in_____ct a computer	<i>v.</i> to teach someone practical skills or knowledge; to formally order or tell someone to do something
84. st___c electricity	<i>adj.</i> not moving or not capable of moving, not changing or not capable of changing
85. op_____ne occasion	<i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose
86. par_____te fully in conversation	<i>v.</i> to take part in something
87. cha_____er brand	<i>n.</i> a person or thing that challenges or competes with someone or something else; a contestant in a competition or challenge
88. f__e their homes	<i>v.</i> to leave by running away, especially out of fear or danger
89. vo_____ll the new hire to lead the project	<i>v.</i> (combination of the words "volunteer" and "tell") to assign someone a task or responsibility as if it were voluntary when in fact, it is not

ANSWERS: 80. crux, 81. challenger, 82. instruct, 83. instruct, 84. static, 85. opportune, 86. participate, 87. challenger, 88. flee, 89. voluntell

90. n__m of action	<i>n.</i> something that is regarded as usual, typical, or standard
91. unp_____ed speech	<i>adj.</i> not properly or adequately prepared; lacking preparation; not ready
92. vo_____ll the students to stay after class	<i>v.</i> (combination of the words "volunteer" and "tell") to assign someone a task or responsibility as if it were voluntary when in fact, it is not
93. aesthetic exc_____nt	<i>n.</i> a feeling of great enthusiasm and eagerness
94. la___h a big attack	<i>v.</i> to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
95. diagnosis of an_____y disorder	<i>n.</i> a feeling of worry, nervousness, or unease about something that is happening or might happen in the future
96. f__e abroad	<i>v.</i> to leave by running away, especially out of fear or danger
97. br___h of wind	<i>n.</i> the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
98. 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
99. large ex_____es	<i>n.</i> a substance, such as water or oil, that flows freely and is neither a solid nor a gas

ANSWERS: 90. norm, 91. unprepared, 92. voluntell, 93. excitement, 94. launch, 95. anxiety, 96. flee, 97. breath, 98. discovery, 99. expanse

100. acc_____hed at a very early age	<i>adj.</i> having completed a task or achieved a goal successfully; skilled or proficient at something
101. co___r degree	<i>v.</i> to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
102. pi__t production	<i>n.</i> a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water
103. vast ex_____e	<i>n.</i> a substance, such as water or oil, that flows freely and is neither a solid nor a gas
104. future of space exp_____on	<i>n.</i> the activity of searching and finding out about something through a place
105. a__y plan	<i>adv.</i> in a wrong or crooked position; out of order; amiss
106. re___e a company from bankruptcy	<i>v.</i> to save someone or something from a dangerous or difficult situation
107. app_____te the value	<i>v.</i> to value and acknowledge the worth of someone or something; to be grateful for something or someone
108. a flattering re___k	<i>n.</i> a comment or observation, or something said or written about a particular subject or situation; (verb) to give a spoken statement on a particular subject or situation
109. sp_____ic instructions	<i>adj.</i> clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

ANSWERS: 100. accomplished, 101. confer, 102. pilot, 103. expanse, 104. exploration, 105. awry, 106. rescue, 107. appreciate, 108. remark, 109. specific

110. as_____ut in training	<i>n.</i> a person trained by a space agency to travel outside the Earth's atmosphere
111. as_____ut mission	<i>n.</i> a person trained by a space agency to travel outside the Earth's atmosphere
112. tr____c death	<i>adj.</i> causing great sadness or suffering; very unfortunate
113. ta____e the issue	<i>v.</i> to try to deal with a complex problem or situation
114. app_____te her feedback	<i>v.</i> to value and acknowledge the worth of someone or something; to be grateful for something or someone
115. a dr_____ic rescue at sea	<i>adj.</i> very sudden, very excellent, or full of action and excitement
116. co_____ct a dam	<i>v.</i> to build or create something; to assemble or combine different parts to form something whole
117. the film c__w	<i>n.</i> a group of people who work together, especially on a ship or airplane
118. d__e into anime communities	<i>v.</i> to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
119. g__e absently out a window	<i>v.</i> to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
120. p_t on the back	<i>v.</i> to touch or tap something lightly and usually in a friendly or encouraging manner; to apply or rub lightly and repetitively

ANSWERS: 110. astronaut, 111. astronaut, 112. tragic, 113. tackle, 114. appreciate, 115. dramatic, 116. construct, 117. crew, 118. dive, 119. gaze, 120. pat

121. d__e off a cliff	<i>v.</i> to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
122. br__e soldier	<i>adj.</i> showing courage or fearlessness in the face of danger, difficulty, or adversity
123. ro___t fuel	<i>n.</i> a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
124. en___e in environmental protection activities	<i>v.</i> to attract and keep someone's attention and interest; to participate in or obtain services of something
125. v__t desert	<i>adj.</i> enormous in size, number, amount, or quantity
126. an unwilling as_____nt	<i>n.</i> someone who helps or supports someone else to do a job
127. wedding co_____wn	<i>n.</i> a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline
128. the c__w of a fishing boat	<i>n.</i> a group of people who work together, especially on a ship or airplane
129. expansion of the un_____se	<i>n.</i> everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
130. 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

ANSWERS: 121. dive, 122. brave, 123. rocket, 124. engage, 125. vast, 126. assistant, 127. countdown, 128. crew, 129. universe, 130. laser

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| 131. qu__e a price                      | <i>v.</i> to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services    |
| 132. p_t a dog                          | <i>v.</i> to touch or tap something lightly and usually in a friendly or encouraging manner; to apply or rub lightly and repetitively                                |
| 133. ob____s reasons                    | <i>adj.</i> easy to see, discover or understand  |
| 134. te___r group                       | <i>n.</i> intense fear; a state of intense fear or alarm   |
| 135. a sexual u__e                      | <i>v.</i> to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist |
| 136. r__l system                        | <i>n.</i> a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly                                 |
| 137. 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                                |
| 138. his conclusion was ob____s         | <i>adj.</i> easy to see, discover or understand  |
| 139. st___c website                     | <i>adj.</i> not moving or not capable of moving, not changing or not capable of changing   |
| 140. li_____f procedure                 | <i>n.</i> the moment when a spacecraft or other vehicle takes off and lifts off the ground; the act or process of launching or beginning an endeavor                 |

ANSWERS: 131. quote, 132. pat, 133. obvious, 134. terror, 135. urge, 136. rail, 137. discovery, 138. obvious, 139. static, 140. liftoff

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| 141. re___e a dying dog             | <i>v.</i> to save someone or something from a dangerous or difficult situation   |
| 142. slowly becoming more re_____nt | <i>adj.</i> unwilling or hesitant to do something because of doubts or fears   |
| 143. a test pi__t                   | <i>n.</i> a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water   |
| 144. en___e a new employee          | <i>v.</i> to attract and keep someone's attention and interest; to participate in or obtain services of something  |
| 145. as_____nt professor            | <i>n.</i> someone who helps or supports someone else to do a job   |
| 146. a pre_____on program           | <i>n.</i> the activity of getting ready for something or making something ready  |
| 147. ro_____p deck                  | <i>n.</i> the upper surface or cover of a building's roof, often used for recreational or other purposes   |
| 148. vi_____al fear                 | <i>adj.</i> relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses                   |
| 149. ob_____e wildlife              | <i>v.</i> to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion |
| 150. st___e up a conversation       | <i>v.</i> to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon  |

ANSWERS: 141. rescue, 142. reluctant, 143. pilot, 144. engage, 145. assistant, 146. preparation, 147. rooftop, 148. visceral, 149. observe, 150. strike

151. look through a te_____pe	<i>n.</i> a device like a tube in shape containing lenses used to magnify and observe distant objects
152. cr__t arts of Japan	<i>n.</i> an activity that requires a particular skill in making things with one's hands
153. ch__f accountant	<i>adj.</i> most important or primary; (noun) a person who is in charge
154. inc_____ly cheerful character	<i>adv.</i> in a way that is very difficult to believe; exceedingly or extremely
155. r__l against his enemies	<i>n.</i> a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly
156. the per_____ve of the battle	<i>n.</i> a confident attitude toward something; a particular style of thinking about something
157. re_____nt readers	<i>adj.</i> unwilling or hesitant to do something because of doubts or fears
158. a water j_r	<i>n.</i> a cylindrical container, typically made of glass, metal, or pottery, with a wide mouth and a screwed or sealed lid, used for storing food, liquids, and other materials
159. acc_____sh military operations	<i>v.</i> to finish or achieve something successfully
160. la___h a spaceship into orbit	<i>v.</i> to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

ANSWERS: 151. telescope, 152. craft, 153. chief, 154. incredibly, 155. rail, 156. perspective, 157. reluctant, 158. jar, 159. accomplish, 160. launch

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| 161. ro____p live                               | <i>n.</i> the upper surface or cover of a building's roof, often used for recreational or other purposes   |
| 162. li____f time                               | <i>n.</i> the moment when a spacecraft or other vehicle takes off and lifts off the ground; the act or process of launching or beginning an endeavor   |
| 163. afraid to show em____n                     | <i>n.</i> a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others   |
| 164. as____n top priority                       | <i>v.</i> to give a specific job or piece of work to a someone   |
| 165. con____te a large sum of money to the fund | <i>v.</i> to give something, especially money or goods, to provide or achieve something together with other people   |
| 166. a binocular te____pe                       | <i>n.</i> a device like a tube in shape containing lenses used to magnify and observe distant objects  |
| 167. b_b a quick curtsy                         | <i>v.</i> to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders |
| 168. ro____c arm                                | <i>adj.</i> of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots  |
| 169. a__y hair                                  | <i>adv.</i> in a wrong or crooked position; out of order; amiss  |

ANSWERS: 161. rooftop, 162. liftoff, 163. emotion, 164. assign, 165. contribute, 166. telescope, 167. bob, 168. robotic, 169. awry

170. spa_____ft launch	<i>n.</i> a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
171. 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
172. ch__f events of the year	<i>adj.</i> most important or primary; (noun) a person who is in charge
173. not nec_____ly a problem	<i>adv.</i> in an essential manner; in such a way as could not be otherwise
174. par_____te in the program	<i>v.</i> to take part in something
175. qu__e a source	<i>v.</i> to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services
176. emotional out_____ng	<i>n.</i> a sudden and abundant flow or expression of thoughts, feelings, emotion, or information; an overwhelming amount of something expressed in a short period of time
177. vi_____al organ	<i>adj.</i> relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
178. co_____nt a global warming	<i>v.</i> to face, meet or deal with a problem or difficult situation or person

ANSWERS: 170. spacecraft, 171. distance, 172. chief, 173. necessarily, 174. participate, 175. quote, 176. outpouring, 177. visceral, 178. confront

179. tr\_\_\_c love stories

*adj.* causing great sadness or suffering; very unfortunate

180. li\_\_\_\_\_ng air strike

*n.* a flash, or several flashes, of light that accompanies an electric discharge in the atmosphere, or something resembling such a flash

ANSWERS: 179. tragic, 180. lightning

## Session 3: Fill in the Blanks

1. The rocket engine is used to put the satellite into \_\_\_\_\_.  
*n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
2. It is important to \_\_\_\_\_ safety procedures in the workplace to prevent accidents.  
*v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
3. The \_\_\_\_\_ of the matter was that the company was not financially stable.  
*n.* the most important or fundamental part of a matter or situation; the key point or central issue
4. The \_\_\_\_\_ priority is the safety of the passengers.  
*adj.* most important, leading, or prominent
5. He finally decided to \_\_\_\_\_ problems directly.  
*v.* to face, meet or deal with a problem or difficult situation or person
6. This machine is too difficult to \_\_\_\_\_ for me.  
*v.* to work in a particular way; to supervise something
7. It is a basic instinct to \_\_\_\_\_ from a dangerous situation.  
*v.* to leave by running away, especially out of fear or danger
8. The fire department arrived just in time to \_\_\_\_\_ the family from the burning building.  
*v.* to save someone or something from a dangerous or difficult situation

ANSWERS: 1. orbit, 2. observe, 3. crux, 4. foremost, 5. confront, 6. operate, 7. flee, 8. rescue

9. We would \_\_\_\_\_ an early reply.

- v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone

10. The \_\_\_\_\_ student struggled on the test and received a low grade.

- adj.* not properly or adequately prepared; lacking preparation; not ready

11. The government is determined to \_\_\_\_\_ sharp inflation.

- v.* to try to deal with a complex problem or situation

12. The speaker mounted the \_\_\_\_\_ and started to speak.

- n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed

13. The \_\_\_\_\_ image on the screen took a lot of work to make out.

- adj.* not moving or not capable of moving, not changing or not capable of changing

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

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

15. The statement had a \_\_\_\_\_ impact on house prices.

- adj.* very sudden, very excellent, or full of action and excitement

16. They launched a crewless \_\_\_\_\_ into space.

- n.* (especially in science fiction) a spacecraft designed to carry a crew into interstellar space

ANSWERS: 9. appreciate, 10. unprepared, 11. tackle, 12. platform, 13. static, 14. constructs, 15. dramatic, 16. spaceship

17. I feel so \_\_\_\_\_ without you.

*adj.* unable to take care of oneself or to do things without help

18. We need to \_\_\_\_\_ the aspect of his personality from the part of his competence when making an investment decision.

*v.* to force, take, or pull apart; mark as different

19. She felt \_\_\_\_\_ after finishing her book.

*adj.* having completed a task or achieved a goal successfully; skilled or proficient at something

20. He was \_\_\_\_\_ to making rash decisions.

*adj.* inclined or likely to do something or to show a particular characteristic, especially something bad; lying face downward

21. There was a chemical \_\_\_\_\_ of the lime with the groundwater.

*n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

22. This accident was something that happened \_\_\_\_\_.

*adv.* in an essential manner; in such a way as could not be otherwise

23. The spaceship began to burn up as it approached the Earth's \_\_\_\_\_.

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

24. 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

ANSWERS: 17. helpless, 18. separate, 19. accomplished, 20. prone, 21. reaction, 22. necessarily, 23. atmosphere, 24. balance

25. Large earthquakes often generate \_\_\_\_\_ tsunamis.

*adj.* very frightening or intimidating

26. A \_\_\_\_\_ audience viewed the broadcast.

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

27. The children leaned over the bridge \_\_\_\_\_ to watch the fish swimming below.

*n.* a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly

28. The bomb blast spread \_\_\_\_\_ among the people.

*n.* intense fear; a state of intense fear or alarm

29. He was \_\_\_\_\_ to share his thoughts on the matter.

*adj.* unwilling or hesitant to do something because of doubts or fears

30. He bated his \_\_\_\_\_ when talking about this affair.

*n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs

31. The sperm whale can \_\_\_\_\_ to 1,000 meters.

*v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater

32. The leaders of the two countries met to \_\_\_\_\_ on the issue.

*v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

33. The \_\_\_\_\_ exercised great care in landing.

*n.* a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water

ANSWERS: 25. terrifying, 26. vast, 27. rail, 28. terror, 29. reluctant, 30. breath, 31. dive, 32. confer, 33. pilot

34. The majority of students actively \_\_\_\_\_ in the college's intramural sports program.

- v. to take part in something

35. The \_\_\_\_\_ in the boxing match put up a good fight.

- n. a person or thing that challenges or competes with someone or something else; a contestant in a competition or challenge

36. Some \_\_\_\_\_ are common across cultures and backgrounds.

- n. a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others

37. His father's death changed his whole \_\_\_\_\_ on life.

- n. a confident attitude toward something; a particular style of thinking about something

38. 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

39. His hometown was where he first acquired the \_\_\_\_\_ of wood carving.

- n. an activity that requires a particular skill in making things with one's hands

40. My boss \_\_\_\_\_ me to organize the company's holiday party this year.

- v. (combination of the words "volunteer" and "tell") to assign someone a task or responsibility as if it were voluntary when in fact, it is not

41. His candid \_\_\_\_\_ at the meeting sparked a lively discussion among the attendees.

- n. a comment or observation, or something said or written about a particular subject or situation; (verb) to give a spoken statement on a particular subject or situation

ANSWERS: 34. participated, 35. challenger, 36. emotions, 37. perspective, 38.

develop, 39. craft, 40. voluntells, 41. remark

42. The facility manager \_\_\_\_\_ the security guards to be on high alert.

- v.* to teach someone practical skills or knowledge; to formally order or tell someone to do something

43. The \_\_\_\_\_ will repair my telephone tomorrow morning.

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

44. The \_\_\_\_\_ to launch began as the astronauts prepared for their mission.

- n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline

45. Mining is a \_\_\_\_\_ source of income for the country.

- adj.* most important or primary; (noun) a person who is in charge

46. She waited for her daughter with \_\_\_\_\_.

- n.* a feeling of worry, nervousness, or unease about something that is happening or might happen in the future

47. The youngster was \_\_\_\_\_ at by the beast.

- v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

48. The ship's \_\_\_\_\_ worked hard to repair the damaged sails before the next storm hit.

- n.* a group of people who work together, especially on a ship or airplane

49. The surgeon removed the tumor using \_\_\_\_\_ video assistance.

- adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

ANSWERS: 42. instructed, 43. engineer, 44. countdown, 45. chief, 46. anxiety, 47. gazed, 48. crew, 49. robotic

50. In his speech, he \_\_\_\_\_ a famous philosopher to emphasize his point.

- v.* to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services

51. The \_\_\_\_\_ firefighter rescued the family from the burning building.

- adj.* showing courage or fearlessness in the face of danger, difficulty, or adversity

52. The shuttle \_\_\_\_\_ trained for months before embarking on the space mission.

- n.* a person trained by a space agency to travel outside the Earth's atmosphere

53. 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

54. The systems we have developed has accepted as industry \_\_\_\_\_.

- n.* something that is regarded as usual, typical, or standard

55. Humankind took centuries to \_\_\_\_\_ true democracy.

- v.* to finish or achieve something successfully

56. The scientist conducted a study that provided \_\_\_\_\_ details about the species' behavior.

- adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

57. We do move forward with those tasks in \_\_\_\_\_ next week.

- n.* a series of related events, actions, numbers, etc., which have a particular order

ANSWERS: 50. quoted, 51. brave, 52. astronaut, 53. discovery, 54. norms, 55. accomplish, 56. specific, 57. sequence

58. He called for a careful \_\_\_\_\_ of the consequences.

*n.* the activity of searching and finding out about something through a place

59. The \_\_\_\_\_ events of the war left many families torn apart.

*adj.* causing great sadness or suffering; very unfortunate

60. The human eye is \_\_\_\_\_ in recognizing objects.

*n.* a flash, or several flashes, of light that accompanies an electric discharge in the atmosphere, or something resembling such a flash

61. Please \_\_\_\_\_ a different color to each other kind of item.

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

62. She looked over the immense \_\_\_\_\_ of the sea.

*n.* a substance, such as water or oil, that flows freely and is neither a solid nor a gas

63. After watching the horror movie, she had a \_\_\_\_\_ reaction and couldn't sleep all night.

*adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

64. An executive \_\_\_\_\_ director administers each branch.

*n.* someone who helps or supports someone else to do a job

65. The spacecraft had a successful \_\_\_\_\_ launching into the atmosphere.

*n.* the moment when a spacecraft or other vehicle takes off and lifts off the ground; the act or process of launching or beginning an endeavor

ANSWERS: 58. exploration, 59. tragic, 60. lightning-fast, 61. assign, 62. expanse, 63. visceral, 64. assistant, 65. liftoff,

66. He helped me with the \_\_\_\_\_ of this book.

- n.* the activity of getting ready for something or making something ready

67. The company is set to \_\_\_\_\_ its new product line next month.

- v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

68. The human-crewed \_\_\_\_\_ successfully landed on the moon, fulfilling its mission.

- n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

69. The phone rang at the most \_\_\_\_\_ time.

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

70. 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

71. I need to \_\_\_\_ my head to the beat of the music.

- v.* to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders

72. We \_\_\_\_\_ to achieve more wages and safer working conditions.

- v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon

ANSWERS: 66. preparation, 67. launch, 68. spacecraft, 69. opportune, 70. laser, 71. bob, 72. strike

73. The plans for the surprise party went \_\_\_\_\_ when the cake was ruined.

*adv.* in a wrong or crooked position; out of order; amiss

74. She \_\_\_\_\_ the puppy on the head and gave it a treat.

*v.* to touch or tap something lightly and usually in a friendly or encouraging manner; to apply or rub lightly and repetitively

75. Several cities are experiencing \_\_\_\_\_ high unemployment rates.

*adv.* in a way that is very difficult to believe; exceedingly or extremely

76. The pilot sat in the \_\_\_\_\_ of the airplane.

*n.* the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft

77. The president prepared several possible \_\_\_\_\_ for an enemy attack.

*n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work

78. The \_\_\_\_\_ launch platform is visible from this hill.

*n.* a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

79. The \_\_\_\_\_ is about 13.8 billion years old.

*n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

80. He placed the coins in a \_\_\_\_\_ to save for a trip.

*n.* a cylindrical container, typically made of glass, metal, or pottery, with a wide mouth and a screwed or sealed lid, used for storing food, liquids, and other materials

ANSWERS: 73. awry, 74. patted, 75. incredibly, 76. cockpit, 77. scenarios, 78. rocket, 79. universe, 80. jar

81. The old building \_\_\_\_\_ in a fiery inferno.

- v.* to burst or break open violently and noisily; to cause something to burst or break open

82. Government workers cannot \_\_\_\_\_ to political campaigns.

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

83. The lobbyist \_\_\_\_\_ Congress not to approve the measure.

- v.* to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist

84. They held the dinner party on the \_\_\_\_\_ terrace, enjoying the beautiful view of the city.

- n.* the upper surface or cover of a building's roof, often used for recreational or other purposes

85. The \_\_\_\_\_ of the upcoming concert was palpable among the crowd.

- n.* a feeling of great enthusiasm and eagerness

86. The \_\_\_\_\_ of support from the community was overwhelming after the tragic event.

- n.* a sudden and abundant flow or expression of thoughts, feelings, emotion, or information; an overwhelming amount of something expressed in a short period of time

87. 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

ANSWERS: 81. exploded, 82. contribute, 83. urged, 84. rooftop, 85. excitement, 86. outpouring, 87. distance

88. Many multinational companies are \_\_\_\_\_ in the reconstruction of that country.

- v.* to attract and keep someone's attention and interest; to participate in or obtain services of something

89. This facility has the largest astronomical \_\_\_\_\_ in the country.

- n.* a device like a tube in shape containing lenses used to magnify and observe distant objects

90. There are \_\_\_\_\_ differences between the two wine-producing regions.

- adj.* easy to see, discover or understand

ANSWERS: 88. engaged, 89. telescope, 90. obvious