

# Englist.me



## Vocabulary Builder Reference from...

Chris Hadfield: What I learned from going blind in space | TED Talk

[https://www.ted.com/talks/chris\\_hadfield\\_what\\_i\\_learned\\_from\\_going\\_blind\\_in\\_space](https://www.ted.com/talks/chris_hadfield_what_i_learned_from_going_blind_in_space)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### catastrophic

*adj.* extremely harmful; causing physical or financial destruction

*synonym*: fatal, disastrous, destructive

(1) victim of **catastrophic** injuries, (2) **catastrophic** climate change

The extinction rate of aquatic animals was **catastrophic**.

### effortless

*adj.* requiring little or no effort; not difficult or strenuous; easy to accomplish

*synonym*: easy, simple, uncomplicated

(1) **effortless** victory, (2) **effortless** beauty

The dancer made her performance look **effortless** and graceful.

### xenon

*n.* a chemical element, symbol Xe with the atomic number 54, that is a noble gas found in trace amounts in the Earth's atmosphere and is used in various lighting applications, including high-intensity lamps and lasers

*synonym*: gas, element, atomic number 54

(1) **xenon** gas, (2) **xenon** headlights

Some neon signs utilize **xenon-filled** tubes to produce a distinct blue glow when electrified.

## 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.

## hush

*v.* to make or become silent, especially by urging or persuading others to be quiet or by speaking softly or gently; to keep something secret or confidential

*synonym*: clam up, quieten, settle down

(1) **hush** for a while, (2) **hush** up a case

Please **hush** your voice so that the baby can sleep.

## plunk

*v.* to drop or place something with a heavy, dull sound; to sit down heavily or unceremoniously; to play a stringed instrument in a manner that produces a deep, hollow sound

*synonym*: plink, drop, thud

(1) **plunk** a pot on the stove, (2) **plunk** into a chair

I **plunked** down on the couch, exhausted after a long day at work.

## hatch

*v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage

*synonym*: incubate, breed, produce

(1) **hatch** a plan, (2) **hatch** a baby chick

The eggs began to **hatch**, and the small chicks emerged.

## 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.

## 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.

## wicket

*n.* (of cricket) the set of three vertical stumps and two horizontal bails at either end of the cricket pitch; a small gate or door, particularly one built into or next to a larger one

*synonym*: stump, bat, crease

(1) **wicket-keeper**, (2) cricket **wicket**

The batsman hit the ball directly into the **wicket**, scoring a run.

## nozzle

*n.* a tube or spout through which a liquid or gas is discharged, particularly one attached to a hose, pump, or spray gun

*synonym*: spout, sprayer, tube

(1) **nozzle** attachment, (2) fuel **nozzle**

The car wash **nozzle** sprayed a powerful stream of soapy water onto the vehicle.

## sway

*v.* to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something

*synonym*: swing, oscillate, influence

(1) **sway** back and forth, (2) **sway** to the rhythm

The politician tried to **sway** public opinion in his favor, but his arguments fell flat.

## takeoff

*n.* a departure, especially of airplanes; the initial ascent of an airplane as it becomes airborne

*synonym*: leaving, departure, liftoff

(1) vertical **takeoff**, (2) **takeoff** run

Our aircraft is now ready for **takeoff**.

## booster

*n.* something or someone that supports, promotes, or enhances; a device or substance that improves the performance or effectiveness of something

*synonym* : promoter, supporter, advocate

(1) metabolism **booster**, (2) morale **booster**

The energy drink is marketed as a **booster** to help athletes perform better.

## 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.

## pave

*v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use

*synonym* : surface, coat, cover

(1) **pave** a new path, (2) **pave** a smoother road

They **paved** the courtyard with bricks, giving it a more polished appearance.

## 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.

## weightless

*adj.* having no weight or feeling as if one has no weight, often related to zero gravity or outer space

*synonym* : floatable, buoyant, light

(1) **weightless** flight, (2) **weightless** environment

The astronaut felt **weightless** as she floated inside the International Space Station.

## youngster

*n.* a young person, typically a child or teenager; a creature that is still in its youth or early stages of development

*synonym*: child, youth, adolescent

(1) **youngster** education, (2) teenage **youngster**

The little **youngster** couldn't wait to open their birthday presents.

## orb

*n.* a sphere or ball-shaped object, often referring to celestial bodies such as planets or stars

*synonym*: globe, sphere, ball

(1) **orb** of light, (2) crystal **orb**

The planet Venus appeared as a bright **orb** in the sky during the night.

## propel

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

*synonym*: drive, push, move

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

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

## sunrise

*n.* the time in the morning when the sun first appears in the sky

*synonym*: daybreak, morning, dawn

(1) beautiful **sunrise**, (2) high-technology **sunrise** industries

I got up early to watch the **sunrise** at the summit.

## spacesuit

*n.* a protective garment that astronauts wear and other space travelers when outside a spacecraft or in a space environment

*synonym*: space suit, extravehicular activity suit, pressure suit

(1) **spacesuit** helmet, (2) emergency **spacesuit**

The **spacesuit** gloves are specially designed to allow for dexterity and grip, despite the vacuum of space.

## roar

*v.* to make a loud, deep sound, like a lion or a car engine

*synonym*: bellow, yell, shout

(1) **roar** with laughter, (2) **roar** for more

The lion **roared** loudly, signaling its dominance over the other animals.

## mesmerize

*v.* to captivate or fascinate; to hold the complete attention of

*synonym*: captivate, trance, enchant

(1) **mesmerize** a subject, (2) **mesmerize** with magic

The magician's performance **mesmerized** the audience.

## fathomable

*adj.* able to be understood or comprehended; able to be measured or explored to a certain depth

*synonym*: understandable, comprehensible, intelligible

(1) **fathomable** explanation, (2) **fathomable** solution

The scientific theories presented in the book were **fathomable** even to non-experts.

## slam

*v.* to shut a door or window noisily; to strike something violently or noisily

*synonym*: bang, crash, shut

(1) **slam** the door, (2) **slam** the book against a wall

She **slammed** the door shut, angry at the person on the other side.

## waterfall

*n.* a point in a river or stream where water falls from a high place, for example, over a cliff or rock

*synonym*: cascade, falls, rapids

(1) scenic **waterfall**, (2) a **waterfall** with a fall of ten feet

Years of river erosion have formed the uniquely shaped **waterfall** basin.

## creepy

*adj.* causing an uneasy feeling of fear or unease

*synonym*: eerie, unsettling, spooky

(1) feel **creepy**, (2) **creepy** atmosphere

The old, abandoned house was **creepy** and gave me the chills.

## recluse

*n.* a person who lives in solitude and isolation

*synonym* : hermit, solitary, loner

(1) live as a **recluse**, (2) solitary **recluse**

After years in the limelight, the actor decided to retreat from the public eye and become a **recluse**.

## necrosis

*n.* the death of cells or tissues in a localized area of the body caused by injury, infection, or disease often results in the formation of scar tissue

*synonym* : decay, sphacelus, mortification

(1) **necrosis** treatment, (2) **necrosis** of the liver

The cancer treatment caused **necrosis** in the surrounding healthy tissues, causing complications.

## spasm

*n.* a sudden, involuntary contraction of a muscle, causing a range of sensations from mild discomfort to severe pain; a sudden outburst or brief episode of intense emotion or activity

*synonym* : convulsion, cramp, twitch

(1) gastric **spasm**, (2) **spasm** of laughter

The patient's face twitched in **spasms** as the dentist started drilling her tooth.

## venomous

*adj.* extremely poisonous or injurious; containing or producing venom; marked by deep ill will

*synonym* : poisonous, toxic, lethal

(1) the **venomous** jellyfish's sting, (2) have **venomous** eyes

The **venomous** snake bit him, causing him to go into shock.

## venom

*n.* a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging

*synonym* : poison, toxin, hating

(1) the **venom** of a lizard, (2) injected **venom**

The snake's **venom** is highly toxic and can be fatal to humans.

## fluffy

*adj.* soft and light, often with a texture that resembles feathers or fur

*synonym* : soft, feathery, puffy

(1) **fluffy** clouds, (2) **fluffy** blanket

The kitten had **fluffy** fur that was soft to the touch.

## attic

*n.* a space or area, typically bounded by a roof and walls in a house that is located immediately below the roof; often used for storage or as an additional living space

*synonym* : loft, garret, crawlspace

(1) **attic** space, (2) dusty **attic**

I found an old photo album in the spacious **attic** filled with pictures of my grandparents when they were young.

## incapacitate

*v.* to disable or render someone or something unable to function or operate normally, either temporarily or permanently, often as a result of injury, illness, or damage

*synonym* : disable, paralyze, immobilize

(1) **incapacitate** opponent, (2) **incapacitate** the enemy

The injury sustained during the game could **incapacitate** the player for the rest of the season.

## airlock

*n.* a chamber between two areas that can be sealed against pressure, allowing the passage of people and objects to go from one area to the other

(1) an **airlock** chamber, (2) **airlock** module

The mechanic has just inspected the jammed **airlock**.

## dilute

*v.* to make a substance less concentrated by adding a liquid or another substance to it

*synonym* : weaken, thin, reduce

(1) **dilute** acid with water, (2) **dilute** a great idea

She **diluted** the concentrated juice with water.

## hardpan

*n.* a compacted layer of soil or subsoil that is highly resistant to water penetration, resulting in poor drainage



*synonym* : clay, soil, ground

(1) **hardpan** soil, (2) shallow **hardpan**

The geologist studied the **hardpan** layers in the rock formations to understand the region's geological history.

## gingham

*n.* a lightweight cotton fabric usually woven in a checkered or striped pattern, often used for making clothing or home decor

*synonym* : check, plaid, checked fabric

(1) **gingham** fabric, (2) **gingham** pattern

She wore a **gingham** dress to the picnic, fitting perfectly with the rustic setting.

## puddle

*n.* a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance

*synonym* : pool, pond, small lake

(1) **puddle** of water, (2) step in a **puddle**

The rain had formed a large **puddle** on the sidewalk.

## conquer

*v.* to bring under control by force or authority

*synonym* : defeat, overpower, subdue

(1) **conquer** fatal disease, (2) **conquer** the world

You must **conquer** your anxiety about driving.

## detach

*v.* to separate or disjoin something from something else; to disengage

*synonym* : separate, disengage, disconnect

(1) **detach** a ticket from its stub, (2) **detach** you from the matter

She **detached** the trailer from the truck before driving away.

## jettison

*v.* to throw away or abandon something, often to lighten a load or to remove something that is no longer needed; to discard or get rid of something

*synonym* : discard, dump, unload

(1) **jettison** cargo, (2) **jettison** old habits

The spaceship had to **jettison** some of its fuel to lighten its weight for liftoff.

### meteorite

*n.* a solid object originating in outer space that reaches the Earth's surface without completely vaporizing in the atmosphere; a rock that has fallen from space

*synonym* : meteor, shooting star, asteroid

(1) **meteorite** impact, (2) **meteorite** shower

The **meteorite** fragments were collected and sent to a laboratory for analysis.

### steer

*v.* to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone

*synonym* : guide, direct, control

(1) **steer** a steady course, (2) **steer** a conversation

The captain told him to **steer** the ship north.

### parachute

*n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air

(1) **parachute** troops, (2) golden **parachute**

This training includes emergency escape drills with **parachutes**.

### clockwork

*n.* a mechanism in which a series of gears, springs and other mechanical elements are used to power a device, especially a clock

*synonym* : mechanism, movement, gears

(1) run like **clockwork**, (2) **clockwork** precision

The **clockwork** mechanism in the grandfather clock needed to be wound up every week.

### touchdown

*n.* (of American football) a scoring play that occurs when the ball is carried, kicked, or fumbled into the opposing team's end zone; the act of touching down or landing, particularly in aviation or spaceflight

*synonym* :

landing, score, goal

(1) **touchdown** pass, (2) **touchdown** celebration

The quarterback scored a **touchdown** in the game's final seconds to win it.

## tumble

v. to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance

*synonym*: fall, stumble, plummet

(1) **tumble** down the hill, (2) confidence **tumbles** as unemployment rates rose

The value of the currency **tumbled** against major international currencies.

## daunting

*adj.* looking challenging to manage in prospect; making someone anxious and less confident about carrying out something

*synonym*: intimidating, stunning, disheartening

(1) face the **daunting** reality, (2) seem like a **daunting** task  
My homework was **daunting** and complex, but it was also intriguing.

## terrifying

*adj.* very frightening or intimidating

*synonym*: frightening, intimidating, alarming

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

Large earthquakes often generate **terrifying** tsunamis.

## reprogram

v. to modify or recreate a program

*synonym*: recreate, modify, revamp

(1) **reprogram** a device, (2) **reprogram** a database

He **reprogrammed** the computer's operating system to remove the safeguard.

## primal

*adj.* of or relating to the earliest stage of development; fundamental; primitive

*synonym*: original, fundamental, basic

(1) **primal** eras, (2) **primal** fear

The **primal** instincts of the animal kicked in when it was threatened.

## Session 2: Spelling

1. inc\_\_\_\_\_ate the enemy  
*v.* to disable or render someone or something unable to function or operate normally, either temporarily or permanently, often as a result of injury, illness, or damage
2. s\_\_m the door  
*v.* to shut a door or window noisily; to strike something violently or noisily
3. feel cr\_\_\_\_y  
*adj.* causing an uneasy feeling of fear or unease
4. pr\_\_\_\_l the ship  
*v.* to move, drive or push something forward or in a particular direction, often with a lot of force
5. ha\_\_h a baby chick  
*v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage
6. p\_\_e a new path  
*v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
7. wei\_\_\_\_\_ss flight  
*adj.* having no weight or feeling as if one has no weight, often related to zero gravity or outer space
8. ter\_\_\_\_\_ng events  
*adj.* very frightening or intimidating
9. solitary re\_\_\_\_\_e  
*n.* a person who lives in solitude and isolation

ANSWERS: 1. incapacitate, 2. slam, 3. creepy, 4. propel, 5. hatch, 6. pave, 7. weightless, 8. terrifying, 9. recluse

10. me\_\_\_\_\_te shower *n.* a solid object originating in outer space that reaches the Earth's surface without completely vaporizing in the atmosphere; a rock that has fallen from space
11. s\_\_y back and forth *v.* to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something
12. no\_\_\_e attachment *n.* a tube or spout through which a liquid or gas is discharged, particularly one attached to a hose, pump, or spray gun
13. alien sp\_\_\_\_\_ip *n.* (especially in science fiction) a spacecraft designed to carry a crew into interstellar space
14. crystal o\_b *n.* a sphere or ball-shaped object, often referring to celestial bodies such as planets or stars
15. dusty at\_\_c *n.* a space or area, typically bounded by a roof and walls in a house that is located immediately below the roof; often used for storage or as an additional living space
16. xe\_\_n headlights *n.* a chemical element, symbol Xe with the atomic number 54, that is a noble gas found in trace amounts in the Earth's atmosphere and is used in various lighting applications, including high-intensity lamps and lasers

ANSWERS: 10. meteorite, 11. sway, 12. nozzle, 13. spaceship, 14. orb, 15. attic, 16. xenon

17. me\_\_\_\_\_ze with magic      *v.* to captivate or fascinate; to hold the complete attention of
18. pu\_\_\_e of water      *n.* a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance
19. the ve\_\_\_\_\_us jellyfish's sting      *adj.* extremely poisonous or injurious; containing or producing venom; marked by deep ill will
20. the ve\_\_m of a lizard      *n.* a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging
21. s\_\_y to the rhythm      *v.* to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something
22. gi\_\_\_\_\_m pattern      *n.* a lightweight cotton fabric usually woven in a checkered or striped pattern, often used for making clothing or home decor
23. as\_\_\_\_\_ut in training      *n.* a person trained by a space agency to travel outside the Earth's atmosphere
24. fl\_\_\_y clouds      *adj.* soft and light, often with a texture that resembles feathers or fur
25. tu\_\_\_e down the hill      *v.* to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance

ANSWERS: 17. mesmerize, 18. puddle, 19. venomous, 20. venom, 21. sway, 22. gingham, 23. astronaut, 24. fluffy, 25. tumble

26. shallow ha\_\_\_\_n *n.* a compacted layer of soil or subsoil that is highly resistant to water penetration, resulting in poor drainage
27. fat\_\_\_\_\_le explanation *adj.* able to be understood or comprehended; able to be measured or explored to a certain depth
28. injected ve\_\_m *n.* a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging
29. li\_\_\_\_\_f procedure *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
30. ex\_\_\_\_\_e in popularity *v.* to burst or break open violently and noisily; to cause something to burst or break open
31. pl\_\_k into a chair *v.* to drop or place something with a heavy, dull sound; to sit down heavily or unceremoniously; to play a stringed instrument in a manner that produces a deep, hollow sound
32. an ai\_\_\_\_\_k chamber *n.* a chamber between two areas that can be sealed against pressure, allowing the passage of people and objects to go from one area to the other
33. run like cl\_\_\_\_\_rk *n.* a mechanism in which a series of gears, springs and other mechanical elements are used to power a device, especially a clock

ANSWERS: 26. hardpan, 27. fathomable, 28. venom, 29. liftoff, 30. explode, 31. plunk, 32. airlock, 33. clockwork



34. vertical ta\_\_\_\_f *n.* a departure, especially of airplanes; the initial ascent of an airplane as it becomes airborne
35. ex\_\_\_\_e in anger *v.* to burst or break open violently and noisily; to cause something to burst or break open
36. de\_\_\_\_h a ticket from its stub *v.* to separate or disjoin something from something else; to disengage
37. de\_\_\_\_h you from the matter *v.* to separate or disjoin something from something else; to disengage
38. cr\_\_\_\_y atmosphere *adj.* causing an uneasy feeling of fear or unease
39. cricket wi\_\_\_\_t *n.* (of cricket) the set of three vertical stumps and two horizontal bails at either end of the cricket pitch; a small gate or door, particularly one built into or next to a larger one
40. co\_\_\_\_r the world *v.* to bring under control by force or authority
41. at\_\_c space *n.* a space or area, typically bounded by a roof and walls in a house that is located immediately below the roof; often used for storage or as an additional living space
42. sp\_\_m of laughter *n.* a sudden, involuntary contraction of a muscle, causing a range of sensations from mild discomfort to severe pain; a sudden outburst or brief episode of intense emotion or activity

ANSWERS: 34. takeoff, 35. explode, 36. detach, 37. detach, 38. creepy, 39. wicket, 40. conquer, 41. attic, 42. spasm

43. live as a re\_\_\_\_\_e *n.* a person who lives in solitude and isolation
44. st\_\_r a steady course *v.* to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone
45. a sp\_\_\_\_\_ip to survey the moon *n.* (especially in science fiction) a spacecraft designed to carry a crew into interstellar space
46. teenage yo\_\_\_\_\_er *n.* a young person, typically a child or teenager; a creature that is still in its youth or early stages of development
47. emergency sp\_\_\_\_\_it *n.* a protective garment that astronauts wear and other space travelers when outside a spacecraft or in a space environment
48. as\_\_\_\_\_ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
49. xe\_\_n gas *n.* a chemical element, symbol Xe with the atomic number 54, that is a noble gas found in trace amounts in the Earth's atmosphere and is used in various lighting applications, including high-intensity lamps and lasers
50. ne\_\_\_\_\_is of the liver *n.* the death of cells or tissues in a localized area of the body caused by injury, infection, or disease often results in the formation of scar tissue
51. scenic wa\_\_\_\_\_ll *n.* a point in a river or stream where water falls from a high place, for example, over a cliff or rock

ANSWERS: 43. recluse, 44. steer, 45. spaceship, 46. youngster, 47. spacesuit, 48. astronaut, 49. xenon, 50. necrosis, 51. waterfall

52. have ve\_\_\_\_\_us eyes      *adj.* extremely poisonous or injurious; containing or producing venom; marked by deep ill will
53. fuel no\_\_\_\_\_e      *n.* a tube or spout through which a liquid or gas is discharged, particularly one attached to a hose, pump, or spray gun
54. co\_\_\_\_\_r fatal disease      *v.* to bring under control by force or authority
55. to\_\_\_\_\_wn celebration      *n.* (of American football) a scoring play that occurs when the ball is carried, kicked, or fumbled into the opposing team's end zone; the act of touching down or landing, particularly in aviation or spaceflight
56. co\_\_\_\_\_t ship      *n.* the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft
57. ai\_\_\_\_\_k module      *n.* a chamber between two areas that can be sealed against pressure, allowing the passage of people and objects to go from one area to the other
58. wi\_\_\_\_\_t-keeper      *n.* (of cricket) the set of three vertical stumps and two horizontal bails at either end of the cricket pitch; a small gate or door, particularly one built into or next to a larger one
59. metabolism bo\_\_\_\_\_r      *n.* something or someone that supports, promotes, or enhances; a device or substance that improves the performance or effectiveness of something

ANSWERS: 52. venomous, 53. nozzle, 54. conquer, 55. touchdown, 56. cockpit, 57. airlock, 58. wicket, 59. booster

60. inc\_\_\_\_\_ate opponent      *v.* to disable or render someone or something unable to function or operate normally, either temporarily or permanently, often as a result of injury, illness, or damage
61. r\_\_r for more      *v.* to make a loud, deep sound, like a lion or a car engine
62. ha\_\_\_\_\_n soil      *n.* a compacted layer of soil or subsoil that is highly resistant to water penetration, resulting in poor drainage
63. gastric sp\_\_m      *n.* a sudden, involuntary contraction of a muscle, causing a range of sensations from mild discomfort to severe pain; a sudden outburst or brief episode of intense emotion or activity
64. high-technology su\_\_\_\_\_e industries      *n.* the time in the morning when the sun first appears in the sky
65. eff\_\_\_\_\_ss beauty      *adj.* requiring little or no effort; not difficult or strenuous; easy to accomplish
66. ta\_\_\_\_\_f run      *n.* a departure, especially of airplanes; the initial ascent of an airplane as it becomes airborne
67. cat\_\_\_\_\_hic climate change      *adj.* extremely harmful; causing physical or financial destruction
68. st\_\_r a conversation      *v.* to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone
69. pa\_\_\_\_\_te troops      *n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air

ANSWERS: 60. incapacitate, 61. roar, 62. hardpan, 63. spasm, 64. sunrise, 65. effortless, 66. takeoff, 67. catastrophic, 68. steer, 69. parachute

70. navigator's co\_\_\_\_\_t *n.* the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft
71. r\_\_r with laughter *v.* to make a loud, deep sound, like a lion or a car engine
72. wei\_\_\_\_\_ss environment *adj.* having no weight or feeling as if one has no weight, often related to zero gravity or outer space
73. me\_\_\_\_\_ze a subject *v.* to captivate or fascinate; to hold the complete attention of
74. pr\_\_\_l eras *adj.* of or relating to the earliest stage of development; fundamental; primitive
75. me\_\_\_\_\_te impact *n.* a solid object originating in outer space that reaches the Earth's surface without completely vaporizing in the atmosphere; a rock that has fallen from space
76. to\_\_\_\_\_wn pass *n.* (of American football) a scoring play that occurs when the ball is carried, kicked, or fumbled into the opposing team's end zone; the act of touching down or landing, particularly in aviation or spaceflight
77. re\_\_\_\_\_am a database *v.* to modify or recreate a program
78. di\_\_\_e acid with water *v.* to make a substance less concentrated by adding a liquid or another substance to it
79. o\_b of light *n.* a sphere or ball-shaped object, often referring to celestial bodies such as planets or stars

ANSWERS: 70. cockpit, 71. roar, 72. weightless, 73. mesmerize, 74. primal, 75. meteorite, 76. touchdown, 77. reprogram, 78. dilute, 79. orb

80. li\_\_\_\_\_f time *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
81. je\_\_\_\_\_on old habits *v.* to throw away or abandon something, often to lighten a load or to remove something that is no longer needed; to discard or get rid of something
82. re\_\_\_\_\_am a device *v.* to modify or recreate a program
83. yo\_\_\_\_\_er education *n.* a young person, typically a child or teenager; a creature that is still in its youth or early stages of development
84. beautiful su\_\_\_\_\_e *n.* the time in the morning when the sun first appears in the sky
85. s\_\_m the book against a wall *v.* to shut a door or window noisily; to strike something violently or noisily
86. ha\_\_h a plan *v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage
87. pr\_\_\_\_l fear *adj.* of or relating to the earliest stage of development; fundamental; primitive
88. eff\_\_\_\_\_ss victory *adj.* requiring little or no effort; not difficult or strenuous; easy to accomplish
89. di\_\_\_\_e a great idea *v.* to make a substance less concentrated by adding a liquid or another substance to it
90. gi\_\_\_\_\_m fabric *n.* a lightweight cotton fabric usually woven in a checkered or striped pattern, often used for making clothing or home decor

ANSWERS: 80. liftoff, 81. jettison, 82. reprogram, 83. youngster, 84. sunrise, 85. slam, 86. hatch, 87. primal, 88. effortless, 89. dilute, 90. gingham

91. fat\_\_\_\_\_le solution *adj.* able to be understood or comprehended; able to be measured or explored to a certain depth
92. p\_\_e a smoother road *v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
93. victim of cat\_\_\_\_\_hic injuries *adj.* extremely harmful; causing physical or financial destruction
94. seem like a da\_\_\_\_\_ng task *adj.* looking challenging to manage in prospect; making someone anxious and less confident about carrying out something
95. h\_\_h up a case *v.* to make or become silent, especially by urging or persuading others to be quiet or by speaking softly or gently; to keep something secret or confidential
96. ne\_\_\_\_\_is treatment *n.* the death of cells or tissues in a localized area of the body caused by injury, infection, or disease often results in the formation of scar tissue
97. fl\_\_\_\_y blanket *adj.* soft and light, often with a texture that resembles feathers or fur
98. morale bo\_\_\_\_\_r *n.* something or someone that supports, promotes, or enhances; a device or substance that improves the performance or effectiveness of something
99. pl\_\_k a pot on the stove *v.* to drop or place something with a heavy, dull sound; to sit down heavily or unceremoniously; to play a stringed instrument in a manner that produces a deep, hollow sound

ANSWERS: 91. fathomable, 92. pave, 93. catastrophic, 94. daunting, 95. hush, 96. necrosis, 97. fluffy, 98. booster, 99. plunk

100. face the da\_\_\_\_\_ng reality      *adj.* looking challenging to manage in prospect; making someone anxious and less confident about carrying out something
101. pr\_\_\_\_l growth      *v.* to move, drive or push something forward or in a particular direction, often with a lot of force
102. cl\_\_\_\_\_rk precision      *n.* a mechanism in which a series of gears, springs and other mechanical elements are used to power a device, especially a clock
103. golden pa\_\_\_\_\_te      *n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
104. step in a pu\_\_\_\_e      *n.* a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance
105. ter\_\_\_\_\_ng experience      *adj.* very frightening or intimidating
106. je\_\_\_\_\_on cargo      *v.* to throw away or abandon something, often to lighten a load or to remove something that is no longer needed; to discard or get rid of something
107. sp\_\_\_\_\_it helmet      *n.* a protective garment that astronauts wear and other space travelers when outside a spacecraft or in a space environment
108. a wa\_\_\_\_\_ll with a fall of ten feet      *n.* a point in a river or stream where water falls from a high place, for example, over a cliff or rock

ANSWERS: 100. daunting, 101. propel, 102. clockwork, 103. parachute, 104. puddle, 105. terrifying, 106. jettison, 107. spacesuit, 108. waterfall



109. confidence tu\_\_\_es as  
unemployment rates rose

v. to fall suddenly, often uncontrollably; to  
topple or turn over; to decline sharply  
and quickly in value, quality, or  
performance

110. h\_\_h for a while

v. to make or become silent, especially by  
urging or persuading others to be quiet  
or by speaking softly or gently; to keep  
something secret or confidential

ANSWERS: 109. tumble, 110. hush

## Session 3: Fill in the Blanks

1. The geologist studied the \_\_\_\_\_ layers in the rock formations to understand the region's geological history.
  - n.* a compacted layer of soil or subsoil that is highly resistant to water penetration, resulting in poor drainage
2. Please \_\_\_\_\_ your voice so that the baby can sleep.
  - v.* to make or become silent, especially by urging or persuading others to be quiet or by speaking softly or gently; to keep something secret or confidential
3. 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
4. She wore a \_\_\_\_\_ dress to the picnic, fitting perfectly with the rustic setting.
  - n.* a lightweight cotton fabric usually woven in a checkered or striped pattern, often used for making clothing or home decor
5. She \_\_\_\_\_ the trailer from the truck before driving away.
  - v.* to separate or disjoin something from something else; to disengage
6. They \_\_\_\_\_ the courtyard with bricks, giving it a more polished appearance.
  - v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
7. The politician tried to \_\_\_\_\_ public opinion in his favor, but his arguments fell flat.
  - v.* to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something

ANSWERS: 1. hardpan, 2. hush, 3. liftoff, 4. gingham, 5. detached, 6. paved, 7. sway

8. She \_\_\_\_\_ the concentrated juice with water.
- v.* to make a substance less concentrated by adding a liquid or another substance to it
9. Large earthquakes often generate \_\_\_\_\_ tsunamis.
- adj.* very frightening or intimidating
10. The car wash \_\_\_\_\_ sprayed a powerful stream of soapy water onto the vehicle.
- n.* a tube or spout through which a liquid or gas is discharged, particularly one attached to a hose, pump, or spray gun
11. 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
12. The \_\_\_\_\_ snake bit him, causing him to go into shock.
- adj.* extremely poisonous or injurious; containing or producing venom; marked by deep ill will
13. I got up early to watch the \_\_\_\_\_ at the summit.
- n.* the time in the morning when the sun first appears in the sky
14. The injury sustained during the game could \_\_\_\_\_ the player for the rest of the season.
- v.* to disable or render someone or something unable to function or operate normally, either temporarily or permanently, often as a result of injury, illness, or damage
15. My homework was \_\_\_\_\_ and complex, but it was also intriguing.
- adj.* looking challenging to manage in prospect; making someone anxious and less confident about carrying out something

ANSWERS: 8. diluted, 9. terrifying, 10. nozzle, 11. astronaut, 12. venomous, 13. sunrise, 14. incapacitate, 15. daunting

16. I found an old photo album in the spacious \_\_\_\_\_ filled with pictures of my grandparents when they were young.
- n.* a space or area, typically bounded by a roof and walls in a house that is located immediately below the roof; often used for storage or as an additional living space
17. She \_\_\_\_\_ the door shut, angry at the person on the other side.
- v.* to shut a door or window noisily; to strike something violently or noisily
18. 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
19. The \_\_\_\_\_ fragments were collected and sent to a laboratory for analysis.
- n.* a solid object originating in outer space that reaches the Earth's surface without completely vaporizing in the atmosphere; a rock that has fallen from space
20. You must \_\_\_\_\_ your anxiety about driving.
- v.* to bring under control by force or authority
21. The old building \_\_\_\_\_ in a fiery inferno.
- v.* to burst or break open violently and noisily; to cause something to burst or break open
22. The batsman hit the ball directly into the \_\_\_\_\_ scoring a run.
- n.* (of cricket) the set of three vertical stumps and two horizontal bails at either end of the cricket pitch; a small gate or door, particularly one built into or next to a larger one
23. The kitten had \_\_\_\_\_ fur that was soft to the touch.
- adj.* soft and light, often with a texture that resembles feathers or fur

ANSWERS: 16. attic, 17. slammed, 18. cockpit, 19. meteorite, 20. conquer, 21. exploded, 22. wicket, 23. fluffy

24. The eggs began to \_\_\_\_\_ and the small chicks emerged.
- v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage
25. Some neon signs utilize \_\_\_\_\_ tubes to produce a distinct blue glow when electrified.
- n.* a chemical element, symbol Xe with the atomic number 54, that is a noble gas found in trace amounts in the Earth's atmosphere and is used in various lighting applications, including high-intensity lamps and lasers
26. The snake's \_\_\_\_\_ is highly toxic and can be fatal to humans.
- n.* a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging
27. The extinction rate of aquatic animals was \_\_\_\_\_.
- adj.* extremely harmful; causing physical or financial destruction
28. The spaceship had to \_\_\_\_\_ some of its fuel to lighten its weight for liftoff.
- v.* to throw away or abandon something, often to lighten a load or to remove something that is no longer needed; to discard or get rid of something
29. The cancer treatment caused \_\_\_\_\_ in the surrounding healthy tissues, causing complications.
- n.* the death of cells or tissues in a localized area of the body caused by injury, infection, or disease often results in the formation of scar tissue
30. The captain told him to \_\_\_\_\_ the ship north.
- v.* to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone

ANSWERS: 24. hatch, 25. xenon-filled, 26. venom, 27. catastrophic, 28. jettison, 29. necrosis, 30. steer

31. The energy drink is marketed as a \_\_\_\_\_ to help athletes perform better.  
*n.* something or someone that supports, promotes, or enhances; a device or substance that improves the performance or effectiveness of something
32. The value of the currency \_\_\_\_\_ against major international currencies.  
*v.* to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance
33. He \_\_\_\_\_ the computer's operating system to remove the safeguard.  
*v.* to modify or recreate a program
34. The quarterback scored a \_\_\_\_\_ in the game's final seconds to win it.  
*n.* (of American football) a scoring play that occurs when the ball is carried, kicked, or fumbled into the opposing team's end zone; the act of touching down or landing, particularly in aviation or spaceflight
35. The scientific theories presented in the book were \_\_\_\_\_ even to non-experts.  
*adj.* able to be understood or comprehended; able to be measured or explored to a certain depth
36. The old, abandoned house was \_\_\_\_\_ and gave me the chills.  
*adj.* causing an uneasy feeling of fear or unease
37. The lion \_\_\_\_\_ loudly, signaling its dominance over the other animals.  
*v.* to make a loud, deep sound, like a lion or a car engine
38. They launched a crewless \_\_\_\_\_ into space.  
*n.* (especially in science fiction) a spacecraft designed to carry a crew into interstellar space

ANSWERS: 31. booster, 32. tumbled, 33. reprogrammed, 34. touchdown, 35. fathomable, 36. creepy, 37. roared, 38. spaceship

39. The planet Venus appeared as a bright \_\_\_\_ in the sky during the night.
- n.* a sphere or ball-shaped object, often referring to celestial bodies such as planets or stars
40. Our aircraft is now ready for \_\_\_\_\_.
- n.* a departure, especially of airplanes; the initial ascent of an airplane as it becomes airborne
41. This training includes emergency escape drills with \_\_\_\_\_.
- n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
42. After years in the limelight, the actor decided to retreat from the public eye and become a \_\_\_\_\_.
- n.* a person who lives in solitude and isolation
43. The dancer made her performance look \_\_\_\_\_ and graceful.
- adj.* requiring little or no effort; not difficult or strenuous; easy to accomplish
44. The astronaut felt \_\_\_\_\_ as she floated inside the International Space Station.
- adj.* having no weight or feeling as if one has no weight, often related to zero gravity or outer space
45. Years of river erosion have formed the uniquely shaped \_\_\_\_\_ basin.
- n.* a point in a river or stream where water falls from a high place, for example, over a cliff or rock
46. The patient's face twitched in \_\_\_\_\_ as the dentist started drilling her tooth.
- n.* a sudden, involuntary contraction of a muscle, causing a range of sensations from mild discomfort to severe pain; a sudden outburst or brief episode of intense emotion or activity

ANSWERS: 39. orb, 40. takeoff, 41. parachutes, 42. recluse, 43. effortless, 44. weightless, 45. waterfall, 46. spasms

47. The \_\_\_\_\_ gloves are specially designed to allow for dexterity and grip, despite the vacuum of space.
- n.* a protective garment that astronauts wear and other space travelers when outside a spacecraft or in a space environment
48. I \_\_\_\_\_ down on the couch, exhausted after a long day at work.
- v.* to drop or place something with a heavy, dull sound; to sit down heavily or unceremoniously; to play a stringed instrument in a manner that produces a deep, hollow sound
49. The rain had formed a large \_\_\_\_\_ on the sidewalk.
- n.* a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance
50. The little \_\_\_\_\_ couldn't wait to open their birthday presents.
- n.* a young person, typically a child or teenager; a creature that is still in its youth or early stages of development
51. The mechanic has just inspected the jammed \_\_\_\_\_.
- n.* a chamber between two areas that can be sealed against pressure, allowing the passage of people and objects to go from one area to the other
52. The magician's performance \_\_\_\_\_ the audience.
- v.* to captivate or fascinate; to hold the complete attention of
53. An increase in employment helps \_\_\_\_\_ economic growth.
- v.* to move, drive or push something forward or in a particular direction, often with a lot of force
54. The \_\_\_\_\_ instincts of the animal kicked in when it was threatened.
- adj.* of or relating to the earliest stage of development; fundamental; primitive

ANSWERS: 47. spacesuit, 48. plunked, 49. puddle, 50. youngster, 51. airlock, 52. mesmerized, 53. propel, 54. primal



55. The \_\_\_\_\_ mechanism in the grandfather clock needed to be wound up every week.

- n.* a mechanism in which a series of gears, springs and other mechanical elements are used to power a device, especially a clock

ANSWERS: 55. clockwork