

# Englist.me



## Vocabulary Builder Reference from...

David Christian: The history of our world in 18 minutes | TED Talk

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### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### scramble

*v.* to move or climb quickly and awkwardly, often using your hands to help you

*synonym*: jumble, disarrange

(1) **scramble** my mind, (2) **scramble** for support

Local business owners **scrambled** to find skilled workers.

### uneasy

*adj.* causing or feeling anxiety or discomfort

*synonym*: anxious, troubled, nervous

(1) have **uneasy** eyes, (2) **uneasy** relationship

He was **uneasy** about the situation and didn't know what to do.

### yolk

*n.* the yellow central part of an egg, surrounded by the egg white, which provides nutrients for an embryo during its development

*synonym*: egg, ovum, yellow

(1) **yolk** lipid, (2) egg **yolk**

The chef separated the egg white from the **yolk** to make a perfect soufflé.

### mushy

*adj.* soft and pulpy in texture or consistency, often describing food; emotionally sentimental or overly romantic in a way that can be seen as insincere or sickly sweet

*synonym* : sappy, sentimental

(1) **mushy** romance, (2) **mushy** peas

The cake was **mushy** because I accidentally added too much milk to the batter.

## instinct

*n.* an inborn behavioral pattern that is often responsive to specific stimuli; an innate feeling that causes you to act or believe that something is true

*synonym* : intuition, aptitude, feeling

(1) **instinct** for self-preservation, (2) aggressive **instinct**

When faced with a dangerous situation, his initial **instinct** was to flee.

## thermodynamics

*n.* the area of physics that deals with heat, work, and temperature and their relation to energy, entropy, and the physical properties of matter and radiation

(1) applied **thermodynamics**, (2) the laws of **thermodynamics**

The second law of **thermodynamics** denies the existence of a perpetual motion engine.

## entropy

*n.* a scientific concept that is most commonly associated with a state of disorder, randomness, or uncertainty

*synonym* : randomness

(1) **entropy** calculation, (2) **entropy** conservation

Since the second law of thermodynamics is applicable to the universe, the **entropy** of the universe continues to increase.

## stupendous

*adj.* extremely impressive, astonishing, or remarkable; of a size or degree that is difficult to comprehend or imagine

*synonym* : colossal, enormous, gigantic

(1) **stupendous** achievement, (2) **stupendous** view

The fireworks display was **stupendous**, lighting up the entire sky with vibrant colors.

## fragility

*n.* the quality of being easily broken, damaged, or destroyed; the state of being delicate or vulnerable

*synonym* : delicacy, weakness, frailty

(1) **fragility** of life, (2) emotional **fragility**

The **fragility** of the glass required careful handling during shipping.

## gazillion

*adj.* extremely large or many, used to express that something is abundant or exists in such large quantities that it's hyperbolically beyond count

*synonym* : countless, myriad, innumerable

(1) watch a **gazillion** movies, (2) a **gazillion** possibilities

I have a **gazillion** things to do before the end of the day.

## blur

*n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision

*synonym* : smudge, smear, fuzz

(1) **blur** image, (2) motion **blur**

The camera's focus was off, and the image was a **blur** of colors and shapes.

## congeal

*v.* to solidify or thicken, especially by cooling or freezing; to become firm or solid, often referring to a liquid or substance

*synonym* : solidify, coagulate, freeze

(1) **congeal** into a solid mass, (2) **congeal** liquid

The blood began to **congeal** as it dried in the wound.

## quark

*n.* a type of elementary particle and a fundamental constituent of matter that make up the heavier elementary particles, such as protons, neutrons, etc.; fresh unripened cheese of a smooth texture made from pasteurized milk, a starter, and rennet

(1) **quark** physics, (2) the antiparticle of a **quark**

The Big Bang theory states that **quark-gluon** plasma filled the entire universe before matter as we know it was created.

## proton

*n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

(1) **proton** decay, (2) **proton** conductivity

The solar wind is composed almost entirely of electrons and **protons**.

## lepton

*n.* a subatomic particle that is one of the basic building blocks of matter, having little or no mass and carrying an electrical charge

*synonym*: subatomic particle, quark

(1) **lepton** particle, (2) charged **lepton**

The discovery of the muon **lepton** helped to confirm the existence of the weak nuclear force.

## helium

*n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table

*synonym*: He, light gas, noble gas

(1) **helium** atom, (2) **helium** gas

The **helium-filled** balloons floated into the sky.

## fuse

*n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat

*synonym*: (verb) melt, (verb) blend

(1) **fuse** blows, (2) **fuse** with one another

He has a short **fuse**.

## supernova

*n.* a powerful and luminous explosion that occurs in some stars, resulting in an extremely bright, short-lived object that later fades into a supernova remnant

*synonym*: explosion, detonation, blast

(1) extragalactic **supernova**, (2) **supernova** remnant

The **supernova** explosion created a bright new star in the night sky.

## swirl

*v.* to move in a circular or spiral pattern

*synonym* : spin, whirl, turn

(1) **swirl** the wine, (2) **swirl** up dirt and dust

The chef expertly **swirled** the sauce onto the plate.

## snowflake

*n.* a small, thin, delicate piece of snow; a person, especially a young person, who is perceived as overly sensitive, easily offended, or with an inflated sense of entitlement

*synonym* : flake, crystal, ice pellet

(1) delicate **snowflake**, (2) **snowflake** pattern

The Christmas tree was beautifully decorated with delicate **snowflake** ornaments.

## mote

*n.* a tiny particle, speck, or fragment, often referring to something floating or in the air, typically too small to be easily seen

*synonym* : speck, particle, atom

(1) **mote** particle, (2) **mote** of light

Tiny **mot**es of dust floated in the sunbeam, creating a beautiful spectacle.

## asteroid

*n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter

*synonym* : minor planet, planetoid, rocky planetesimal

(1) **asteroid** mining, (2) **asteroid** explorer

Scientists are studying the composition and origins of the **asteroid** belt to understand the early solar system better.

## intergalactic

*adj.* existing or occurring between different galaxies (= an independent group of stars)

*synonym* : extragalactic, cosmic, interstellar

(1) **intergalactic** travel, (2) **intergalactic** matter

The **intergalactic** spaceship traveled to distant planets.

## hitch

*v.* to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or

### entangle

*synonym* : fasten, jerk, tether

(1) **hitch** a ride, (2) **hitch** up my trousers

The mechanics **hitched** the trailer to the broken-down car.

### cuddle

*v.* to hold close and lovingly in one's arms, often for comfort or affection; to snuggle or nestle against someone or something

*synonym* : embrace, snuggle, hug

(1) **cuddle** buddy, (2) **cuddle** up with a book

I love to **cuddle** with my dog on the couch after a long day.

### seep

*v.* to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually

*synonym* : leak, ooze, trickle

(1) **seep** cool and moist air, (2) **seep** into paper

The rain began to **seep** through the roof, causing damage to the walls and floors.

### oceanic

*adj.* relating to or characteristic of the ocean or its inhabitants; having to do with the vast expanse of saltwater that covers most of the Earth's surface

*synonym* : marine, pelagic, sea

(1) **oceanic** climate, (2) **oceanic** exploration

The **oceanic** waves crashed against the shore, creating a mesmerizing sight.

### stabilize

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

*synonym* : brace, steady, secure

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

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

### helix

*n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

*synonym* : coil, spiral, twist

(1) **helix** structure, (2) alpha **helix**

The DNA molecule is shaped like a double **helix**.

## scatter

*v.* to cause to separate and go in different directions

*synonym*: disperse, spread, bestrew

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

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

## imperfectly

*adv.* in a faulty or incomplete way

*synonym*: amiss, insufficiently, clumsily

(1) **imperfectly** developed, (2) **imperfectly** known disease

He created an **imperfectly** shaped torso.

## fungus

*n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

*synonym*: mold, mildew, yeast

(1) **fungus** infection, (2) symbiotic **fungus**

Certain types of **fungus** can be toxic to humans, causing severe illness if ingested.

## amphibious

*adj.* able to function both on land and in water; able to live in or move between two different environments or settings

(1) **amphibious** creature, (2) **amphibious** warfare

The **amphibious** vehicle seamlessly transitioned from land to water.

## reptile

*n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles

*synonym*: lizard, serpent, snake

(1) **reptile** exhibition, (2) fossil **reptile**

Alligators are a type of **reptile** that live in swamps and rivers.

## dinosaur

*n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

*synonym*: reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil

The discovery of a new **dinosaur** species made headlines in the scientific community.

## peninsula

*n.* a long piece of land that is almost surrounded by water but is linked to a larger part of the land

*synonym*: cape, foreland

(1) the tip of the **peninsula**, (2) the Arab **peninsula**

That **peninsula** was an essential base for the country's defense.

## ancestor

*n.* a person from whom one is descended; a forefather

*synonym*: forebear, forefather, progenitor

(1) **ancestor** language, (2) earliest human **ancestor**

My remote **ancestor** immigrated to the United States from Ireland in the 1800s.

## flourish

*v.* to grow or develop vigorously or successfully

*synonym*: boom, advance, succeed

(1) **flourish** economically, (2) **flourish** worldwide

The Ottoman Empire **flourished** for over five centuries.

## humming

*adj.* producing a continuous, low, vibrating sound like that of the bee

*synonym*: buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

## outlast

*v.* to endure or last longer than something else; to overcome challenges or obstacles and remain in existence

*synonym*: endure, survive, persevere

(1) **outlast** competitors, (2) **outlast** the storm

Some species of turtles can **outlast** human beings by centuries.



## savannah

*n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close

*synonym* : grassland, plain

(1) **savannah** region, (2) tropical **savannah**

The birds live in tropical forests, **savannahs**, and arid semi-desert environments.

## tundra

*n.* a vast, treeless, and typically frozen plain in the Arctic regions, where the subsoil is permanently frozen

*synonym* : arctic plain, permafrost, polar desert

(1) the Siberian **tundra**, (2) **tundra** biome

The Arctic **tundra** is a vast and desolate landscape with few signs of life.

## bonanza

*n.* a situation or event in which there is a sudden and profitable discovery or success, usually related to a significant amount of wealth, resources, or opportunities; a large deposit of valuable ore or precious minerals

*synonym* : windfall, godsend, treasure trove

(1) shopping **bonanza**, (2) financial **bonanza**

The recent oil discovery in the region has led to an economic **bonanza** for the local community.

## interconnect

*v.* to connect similar things

*synonym* : interlink, complect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

## telegraph

*n.* a method of long-distance transmission of messages by electrical or radio signals

(1) answer by **telegraph**, (2) **telegraph** wires

The **telegraph** service was interrupted for a while.

## warp

*v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something

*synonym* : twist, distort, deform

(1) **warp** under pressure, (2) become **warped**

The ship's hull was **warped** from years of use in rough seas.

## stumble

*v.* to miss a step and fall or nearly fall; to walk unsteadily

*synonym* : bumble, struggle, misstep

(1) **stumble** financially, (2) **stumble** through life

She **stumbled** over the tree root.

## astonishing

*adj.* surprising or shocking; difficult to believe

*synonym* : surprising, shocking, astounding

(1) **astonishing** achievement, (2) make **astonishing** gains

The news of her sudden death was **astonishing** to everyone who knew her.

## biosphere

*n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms

*synonym* : ecosphere, ecospace, ecosystem

(1) terrestrial **biosphere**, (2) artificial **biosphere**

The balance of the **biosphere** is crucial for the survival of species.

## verge

*n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border

*synonym* : brink, edge, margin

(1) **verge** of bankruptcy, (2) on the **verge** of tears

He stood on the **verge** of a major discovery.

## grandchild

*n.* a child of someone's son or daughter

*synonym* : offspring, descendant, progeny

(1) **grandchild-grandparent** relationship, (2) **grandchild** development

The grandparents take care of their **grandchild** while the parents are at work.

## 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.

## intellect

*n.* the ability to think logically and comprehend information, especially at an advanced level

*synonym*: mind, brightness, cleverness

(1) enrich my **intellect**, (2) human **intellect**

Your **intellect** is capable of distinguishing among similar objects.

## Session 2: Spelling

1. become w\_\_ped *v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
2. en\_\_\_\_y conservation *n.* a scientific concept that is most commonly associated with a state of disorder, randomness, or uncertainty
3. oc\_\_\_\_c climate *adj.* relating to or characteristic of the ocean or its inhabitants; having to do with the vast expanse of saltwater that covers most of the Earth's surface
4. ou\_\_\_\_t the storm *v.* to endure or last longer than something else; to overcome challenges or obstacles and remain in existence
5. f\_\_e with one another *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
6. tu\_\_\_a biome *n.* a vast, treeless, and typically frozen plain in the Arctic regions, where the subsoil is permanently frozen
7. fu\_\_\_s infection *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

ANSWERS: 1. warp, 2. entropy, 3. oceanic, 4. outlast, 5. fuse, 6. tundra, 7. fungus

8. sw\_\_l the wine *v.* to move in a circular or spiral pattern
9. hu\_\_\_\_g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
10. m\_\_e of light *n.* a tiny particle, speck, or fragment, often referring to something floating or in the air, typically too small to be easily seen
11. stu\_\_\_\_\_us achievement *adj.* extremely impressive, astonishing, or remarkable; of a size or degree that is difficult to comprehend or imagine
12. an op\_\_\_\_\_ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
13. fl\_\_\_\_\_sh economically *v.* to grow or develop vigorously or successfully
14. charged le\_\_\_\_n *n.* a subatomic particle that is one of the basic building blocks of matter, having little or no mass and carrying an electrical charge
15. hu\_\_\_\_g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
16. he\_\_x structure *n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule
17. symbiotic fu\_\_\_\_s *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
18. artificial bi\_\_\_\_\_re *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms

ANSWERS: 8. swirl, 9. humming, 10. mote, 11. stupendous, 12. opportune, 13. flourish, 14. lepton, 15. humming, 16. helix, 17. fungus, 18. biosphere

19. emotional fr\_\_\_\_\_ty      *n.* the quality of being easily broken, damaged, or destroyed; the state of being delicate or vulnerable
20. he\_\_\_m gas      *n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
21. mu\_\_y romance      *adj.* soft and pulpy in texture or consistency, often describing food; emotionally sentimental or overly romantic in a way that can be seen as insincere or sickly sweet
22. hulking di\_\_\_\_\_ur      *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
23. the laws of the\_\_\_\_\_ics      *n.* the area of physics that deals with heat, work, and temperature and their relation to energy, entropy, and the physical properties of matter and radiation
24. op\_\_\_\_\_ne occasion      *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
25. on the ve\_\_e of tears      *n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border
26. sc\_\_\_\_\_le my mind      *v.* to move or climb quickly and awkwardly, often using your hands to help you

ANSWERS: 19. fragility, 20. helium, 21. mushy, 22. dinosaur, 23. thermodynamics, 24. opportune, 25. verge, 26. scramble

27. co\_\_\_\_l liquid *v.* to solidify or thicken, especially by cooling or freezing; to become firm or solid, often referring to a liquid or substance
28. enrich my in\_\_\_\_\_ct *n.* the ability to think logically and comprehend information, especially at an advanced level
29. a ga\_\_\_\_\_on possibilities *adj.* extremely large or many, used to express that something is abundant or exists in such large quantities that it's hyperbolically beyond count
30. s\_\_p cool and moist air *v.* to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually
31. pr\_\_\_n conductivity *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
32. stu\_\_\_\_\_us view *adj.* extremely impressive, astonishing, or remarkable; of a size or degree that is difficult to comprehend or imagine
33. sw\_\_l up dirt and dust *v.* to move in a circular or spiral pattern
34. hi\_\_h up my trousers *v.* to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle
35. fr\_\_\_\_\_ty of life *n.* the quality of being easily broken, damaged, or destroyed; the state of being delicate or vulnerable

ANSWERS: 27. congeal, 28. intellect, 29. gazillion, 30. seep, 31. proton, 32. stupendous, 33. swirl, 34. hitch, 35. fragility

36. qu\_\_k physics *n.* a type of elementary particle and a fundamental constituent of matter that make up the heavier elementary particles, such as protons, neutrons, etc.; fresh unripened cheese of a smooth texture made from pasteurized milk, a starter, and rennet
37. gra\_\_\_\_\_ld development *n.* a child of someone's son or daughter
38. ou\_\_\_\_\_t competitors *v.* to endure or last longer than something else; to overcome challenges or obstacles and remain in existence
39. fossil re\_\_\_\_\_e *n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
40. b\_\_r image *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
41. the antiparticle of a qu\_\_k *n.* a type of elementary particle and a fundamental constituent of matter that make up the heavier elementary particles, such as protons, neutrons, etc.; fresh unripened cheese of a smooth texture made from pasteurized milk, a starter, and rennet
42. f\_\_e blows *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat

ANSWERS: 36. quark, 37. grandchild, 38. outlast, 39. reptile, 40. blur, 41. quark, 42. fuse



43. co\_\_\_\_l into a solid mass      *v.* to solidify or thicken, especially by cooling or freezing; to become firm or solid, often referring to a liquid or substance
44. mu\_\_y peas      *adj.* soft and pulpy in texture or consistency, often describing food; emotionally sentimental or overly romantic in a way that can be seen as insincere or sickly sweet
45. tropical sa\_\_\_\_ah      *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
46. int\_\_\_\_tic travel      *adj.* existing or occurring between different galaxies (= an independent group of stars)
47. sc\_\_\_\_r around the internet      *v.* to cause to separate and go in different directions
48. applied the\_\_\_\_ics      *n.* the area of physics that deals with heat, work, and temperature and their relation to energy, entropy, and the physical properties of matter and radiation
49. re\_\_\_\_e exhibition      *n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
50. s\_\_p into paper      *v.* to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually
51. the Arab pe\_\_\_\_la      *n.* a long piece of land that is almost surrounded by water but is linked to a larger part of the land

ANSWERS: 43. congeal, 44. mushy, 45. savannah, 46. intergalactic, 47. scatter, 48. thermodynamics, 49. reptile, 50. seep, 51. peninsula

52. ve\_\_e of bankruptcy *n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border
53. sa\_\_\_\_ah region *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
54. oc\_\_\_\_c exploration *adj.* relating to or characteristic of the ocean or its inhabitants; having to do with the vast expanse of saltwater that covers most of the Earth's surface
55. terrestrial bi\_\_\_\_re *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
56. he\_\_\_m atom *n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
57. the Siberian tu\_\_\_a *n.* a vast, treeless, and typically frozen plain in the Arctic regions, where the subsoil is permanently frozen
58. an\_\_\_\_or language *n.* a person from whom one is descended; a forefather
59. st\_\_\_\_ze prices *v.* to become or cause to become steady or unlikely to give way
60. alpha he\_\_x *n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

ANSWERS: 52. verge, 53. savannah, 54. oceanic, 55. biosphere, 56. helium, 57. tundra, 58. ancestor, 59. stabilize, 60. helix

61. imp\_\_\_\_\_ly known disease *adv.* in a faulty or incomplete way
62. su\_\_\_\_\_va remnant *n.* a powerful and luminous explosion that occurs in some stars, resulting in an extremely bright, short-lived object that later fades into a supernova remnant
63. answer by te\_\_\_\_\_ph *n.* a method of long-distance transmission of messages by electrical or radio signals
64. te\_\_\_\_\_ph wires *n.* a method of long-distance transmission of messages by electrical or radio signals
65. as\_\_\_\_\_id explorer *n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
66. egg y\_\_k *n.* the yellow central part of an egg, surrounded by the egg white, which provides nutrients for an embryo during its development
67. as\_\_\_\_\_id mining *n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
68. aggressive in\_\_\_\_\_ct *n.* an inborn behavioral pattern that is often responsive to specific stimuli; an innate feeling that causes you to act or believe that something is true
69. earliest human an\_\_\_\_\_or *n.* a person from whom one is descended; a forefather
70. le\_\_\_n particle *n.* a subatomic particle that is one of the basic building blocks of matter, having little or no mass and carrying an electrical charge

ANSWERS: 61. imperfectly, 62. supernova, 63. telegraph, 64. telegraph, 65. asteroid, 66. yolk, 67. asteroid, 68. instinct, 69. ancestor, 70. lepton

71. in\_\_\_\_\_ct for self-preservation *n.* an inborn behavioral pattern that is often responsive to specific stimuli; an innate feeling that causes you to act or believe that something is true
72. pr\_\_\_\_n decay *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
73. st\_\_\_\_\_ze blood sugar levels *v.* to become or cause to become steady or unlikely to give way
74. amp\_\_\_\_\_us creature *adj.* able to function both on land and in water; able to live in or move between two different environments or settings
75. motion b\_\_r *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
76. extragalactic su\_\_\_\_\_va *n.* a powerful and luminous explosion that occurs in some stars, resulting in an extremely bright, short-lived object that later fades into a supernova remnant
77. hi\_\_h a ride *v.* to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle
78. un\_\_\_\_y relationship *adj.* causing or feeling anxiety or discomfort
79. en\_\_\_\_y calculation *n.* a scientific concept that is most commonly associated with a state of disorder, randomness, or uncertainty

ANSWERS: 71. instinct, 72. proton, 73. stabilize, 74. amphibious, 75. blur, 76. supernova, 77. hitch, 78. uneasy, 79. entropy

80. fl\_\_\_\_sh worldwide *v.* to grow or develop vigorously or successfully
81. make ast\_\_\_\_\_ng gains *adj.* surprising or shocking; difficult to believe
82. directly int\_\_\_\_\_ect with those systems *v.* to connect similar things
83. cu\_\_\_e up with a book *v.* to hold close and lovingly in one's arms, often for comfort or affection; to snuggle or nestle against someone or something
84. m\_\_e particle *n.* a tiny particle, speck, or fragment, often referring to something floating or in the air, typically too small to be easily seen
85. amp\_\_\_\_\_us warfare *adj.* able to function both on land and in water; able to live in or move between two different environments or settings
86. imp\_\_\_\_\_ly developed *adv.* in a faulty or incomplete way
87. watch a ga\_\_\_\_\_on movies *adj.* extremely large or many, used to express that something is abundant or exists in such large quantities that it's hyperbolically beyond count
88. the tip of the pe\_\_\_\_\_la *n.* a long piece of land that is almost surrounded by water but is linked to a larger part of the land
89. y\_\_k lipid *n.* the yellow central part of an egg, surrounded by the egg white, which provides nutrients for an embryo during its development
90. cu\_\_\_e buddy *v.* to hold close and lovingly in one's arms, often for comfort or affection; to snuggle or nestle against someone or something

ANSWERS: 80. flourish, 81. astonishing, 82. interconnect, 83. cuddle, 84. mote, 85. amphibious, 86. imperfectly, 87. gazillion, 88. peninsula, 89. yolk, 90. cuddle

91. human in\_\_\_\_\_ct *n.* the ability to think logically and comprehend information, especially at an advanced level
92. ast\_\_\_\_\_ng achievement *adj.* surprising or shocking; difficult to believe
93. st\_\_\_\_\_e through life *v.* to miss a step and fall or nearly fall; to walk unsteadily
94. sc\_\_\_\_\_r seeds *v.* to cause to separate and go in different directions
95. delicate sn\_\_\_\_\_ke *n.* a small, thin, delicate piece of snow; a person, especially a young person, who is perceived as overly sensitive, easily offended, or with an inflated sense of entitlement
96. di\_\_\_\_\_ur fossil *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
97. sn\_\_\_\_\_ke pattern *n.* a small, thin, delicate piece of snow; a person, especially a young person, who is perceived as overly sensitive, easily offended, or with an inflated sense of entitlement
98. shopping bo\_\_\_\_\_a *n.* a situation or event in which there is a sudden and profitable discovery or success, usually related to a significant amount of wealth, resources, or opportunities; a large deposit of valuable ore or precious minerals
99. sc\_\_\_\_\_le for support *v.* to move or climb quickly and awkwardly, often using your hands to help you

ANSWERS: 91. intellect, 92. astonishing, 93. stumble, 94. scatter, 95. snowflake, 96. dinosaur, 97. snowflake, 98. bonanza, 99. scramble

100. financial bo\_\_\_\_a *n.* a situation or event in which there is a sudden and profitable discovery or success, usually related to a significant amount of wealth, resources, or opportunities; a large deposit of valuable ore or precious minerals
101. w\_\_p under pressure *v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
102. have un\_\_\_y eyes *adj.* causing or feeling anxiety or discomfort
103. int\_\_\_\_\_tic matter *adj.* existing or occurring between different galaxies (= an independent group of stars)
104. human activities int\_\_\_\_\_ect with the environment *v.* to connect similar things
105. st\_\_\_\_e financially *v.* to miss a step and fall or nearly fall; to walk unsteadily
106. gra\_\_\_\_\_ld-grandparent relationship *n.* a child of someone's son or daughter

ANSWERS: 100. bonanza, 101. warp, 102. uneasy, 103. intergalactic, 104. interconnect, 105. stumble, 106. grandchild

## Session 3: Fill in the Blanks

1. The \_\_\_\_\_ service was interrupted for a while.
  - n.* a method of long-distance transmission of messages by electrical or radio signals
  
2. The ship's hull was \_\_\_\_\_ from years of use in rough seas.
  - v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
  
3. The grandparents take care of their \_\_\_\_\_ while the parents are at work.
  - n.* a child of someone's son or daughter
  
4. The second law of \_\_\_\_\_ denies the existence of a perpetual motion engine.
  - n.* the area of physics that deals with heat, work, and temperature and their relation to energy, entropy, and the physical properties of matter and radiation
  
5. The mechanics \_\_\_\_\_ the trailer to the broken-down car.
  - v.* to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle
  
6. Tiny \_\_\_\_\_ of dust floated in the sunbeam, creating a beautiful spectacle.
  - n.* a tiny particle, speck, or fragment, often referring to something floating or in the air, typically too small to be easily seen
  
7. When faced with a dangerous situation, his initial \_\_\_\_\_ was to flee.
  - n.* an inborn behavioral pattern that is often responsive to specific stimuli; an innate feeling that causes you to act or believe that something is true

ANSWERS: 1. telegraph, 2. warped, 3. grandchild, 4. thermodynamics, 5. hitched, 6. motes, 7. instinct



8. He was \_\_\_\_\_ about the situation and didn't know what to do.

*adj.* causing or feeling anxiety or discomfort

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

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

10. He stood on the \_\_\_\_\_ of a major discovery.

*n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border

11. Some species of turtles can \_\_\_\_\_ human beings by centuries.

*v.* to endure or last longer than something else; to overcome challenges or obstacles and remain in existence

12. The \_\_\_\_\_ vehicle seamlessly transitioned from land to water.

*adj.* able to function both on land and in water; able to live in or move between two different environments or settings

13. The Big Bang theory states that \_\_\_\_\_ plasma filled the entire universe before matter as we know it was created.

*n.* a type of elementary particle and a fundamental constituent of matter that make up the heavier elementary particles, such as protons, neutrons, etc.; fresh unripened cheese of a smooth texture made from pasteurized milk, a starter, and rennet

14. The Christmas tree was beautifully decorated with delicate \_\_\_\_\_ ornaments.

*n.* a small, thin, delicate piece of snow; a person, especially a young person, who is perceived as overly sensitive, easily offended, or with an inflated sense of entitlement

ANSWERS: 8. uneasy, 9. opportune, 10. verge, 11. outlast, 12. amphibious, 13. quark-gluon, 14. snowflake

15. The \_\_\_\_\_ balloons floated into the sky.  
*n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
16. The \_\_\_\_\_ spaceship traveled to distant planets.  
*adj.* existing or occurring between different galaxies (= an independent group of stars)
17. The birds live in tropical forests, \_\_\_\_\_ and arid semi-desert environments.  
*n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
18. He created an \_\_\_\_\_ shaped torso.  
*adv.* in a faulty or incomplete way
19. The chef separated the egg white from the \_\_\_\_\_ to make a perfect souffle.  
*n.* the yellow central part of an egg, surrounded by the egg white, which provides nutrients for an embryo during its development
20. The \_\_\_\_\_ of the glass required careful handling during shipping.  
*n.* the quality of being easily broken, damaged, or destroyed; the state of being delicate or vulnerable
21. The rain began to \_\_\_\_\_ through the roof, causing damage to the walls and floors.  
*v.* to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually
22. The fireworks display was \_\_\_\_\_ lighting up the entire sky with vibrant colors.  
*adj.* extremely impressive, astonishing, or remarkable; of a size or degree that is difficult to comprehend or imagine

ANSWERS: 15. helium-filled, 16. intergalactic, 17. savannahs, 18. imperfectly, 19. yolk, 20. fragility, 21. seep, 22. stupendous,

23. The chef expertly \_\_\_\_\_ the sauce onto the plate.

*v.* to move in a circular or spiral pattern

24. The Ottoman Empire \_\_\_\_\_ for over five centuries.

*v.* to grow or develop vigorously or successfully

25. Local business owners \_\_\_\_\_ to find skilled workers.

*v.* to move or climb quickly and awkwardly, often using your hands to help you

26. The \_\_\_\_\_ waves crashed against the shore, creating a mesmerizing sight.

*adj.* relating to or characteristic of the ocean or its inhabitants; having to do with the vast expanse of saltwater that covers most of the Earth's surface

27. The DNA molecule is shaped like a double \_\_\_\_\_.

*n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

28. The camera's focus was off, and the image was a \_\_\_\_\_ of colors and shapes.

*n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision

29. The \_\_\_\_\_ of the bees filled the air as she walked through the garden.

*adj.* producing a continuous, low, vibrating sound like that of the bee

30. Your \_\_\_\_\_ is capable of distinguishing among similar objects.

*n.* the ability to think logically and comprehend information, especially at an advanced level

31. I love to \_\_\_\_\_ with my dog on the couch after a long day.

*v.* to hold close and lovingly in one's arms, often for comfort or affection; to snuggle or nestle against someone or something

ANSWERS: 23. swirled, 24. flourished, 25. scrambled, 26. oceanic, 27. helix, 28. blur, 29. humming, 30. intellect, 31. cuddle

32. Since the second law of thermodynamics is applicable to the universe, the \_\_\_\_\_ of the universe continues to increase.
- n.* a scientific concept that is most commonly associated with a state of disorder, randomness, or uncertainty
33. The Arctic \_\_\_\_\_ is a vast and desolate landscape with few signs of life.
- n.* a vast, treeless, and typically frozen plain in the Arctic regions, where the subsoil is permanently frozen
34. The discovery of a new \_\_\_\_\_ species made headlines in the scientific community.
- n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
35. Certain types of \_\_\_\_\_ can be toxic to humans, causing severe illness if ingested.
- n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
36. The recent oil discovery in the region has led to an economic \_\_\_\_\_ for the local community.
- n.* a situation or event in which there is a sudden and profitable discovery or success, usually related to a significant amount of wealth, resources, or opportunities; a large deposit of valuable ore or precious minerals
37. The raising of interest rates \_\_\_\_\_ the inflation rate.
- v.* to become or cause to become steady or unlikely to give way
38. I have a \_\_\_\_\_ things to do before the end of the day.
- adj.* extremely large or many, used to express that something is abundant or exists in such large quantities that it's hyperbolically beyond count

ANSWERS: 32. entropy, 33. tundra, 34. dinosaur, 35. fungus, 36. bonanza, 37. stabilizes, 38. gazillion

39. Our system can now \_\_\_\_\_ with other databases.  
*v.* to connect similar things
40. He has a short \_\_\_\_\_.  
*n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
41. My remote \_\_\_\_\_ immigrated to the United States from Ireland in the 1800s.  
*n.* a person from whom one is descended; a forefather
42. Scientists are studying the composition and origins of the \_\_\_\_\_ belt to understand the early solar system better.  
*n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
43. That \_\_\_\_\_ was an essential base for the country's defense.  
*n.* a long piece of land that is almost surrounded by water but is linked to a larger part of the land
44. The \_\_\_\_\_ explosion created a bright new star in the night sky.  
*n.* a powerful and luminous explosion that occurs in some stars, resulting in an extremely bright, short-lived object that later fades into a supernova remnant
45. The hunter's approach \_\_\_\_\_ the geese.  
*v.* to cause to separate and go in different directions
46. The solar wind is composed almost entirely of electrons and \_\_\_\_\_.  
*n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

ANSWERS: 39. interconnect, 40. fuse, 41. ancestor, 42. asteroid, 43. peninsula, 44. supernova, 45. scattered, 46. protons

47. The cake was \_\_\_\_\_ because I accidentally added too much milk to the batter.  
*adj.* soft and pulpy in texture or consistency, often describing food; emotionally sentimental or overly romantic in a way that can be seen as insincere or sickly sweet
48. The balance of the \_\_\_\_\_ is crucial for the survival of species.  
*n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
49. The news of her sudden death was \_\_\_\_\_ to everyone who knew her.  
*adj.* surprising or shocking; difficult to believe
50. She \_\_\_\_\_ over the tree root.  
*v.* to miss a step and fall or nearly fall; to walk unsteadily
51. The blood began to \_\_\_\_\_ as it dried in the wound.  
*v.* to solidify or thicken, especially by cooling or freezing; to become firm or solid, often referring to a liquid or substance
52. The discovery of the muon \_\_\_\_\_ helped to confirm the existence of the weak nuclear force.  
*n.* a subatomic particle that is one of the basic building blocks of matter, having little or no mass and carrying an electrical charge
53. Alligators are a type of \_\_\_\_\_ that live in swamps and rivers.  
*n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles

ANSWERS: 47. mushy, 48. biosphere, 49. astonishing, 50. stumbled, 51. congeal, 52. lepton, 53. reptile