

# Englist.me



## Vocabulary Builder Reference from...

*Danny Hillis: Should we create a solar shade to cool the earth? | TED Talk*

[https://www.ted.com/talks/danny\\_hillis\\_should\\_we\\_create\\_a\\_solar\\_shade\\_to\\_cool\\_the\\_earth](https://www.ted.com/talks/danny_hillis_should_we_create_a_solar_shade_to_cool_the_earth)

### All Words

#### IMPORTANT

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## Session 1: Word List

### provocation

*n.* action or speech that intentionally causes someone to become angry, irritated, or frustrated; a reason or motive for something, often negative or undesired

*synonym* : agitation, incitement, stimulus

(1) **provocation** tactics, (2) verbal **provocation**

The politician's speech was seen as a **provocation** to the opposition party.

### 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.

### climate

*n.* the weather in a particular location averaged over some long period

*synonym* : atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change

**Climate** and weather have an impact on every part of our lifestyles.

### thermostat

*n.* a device that automatically regulates temperature by controlling the heating or cooling system based on the

temperature in a room or building

*synonym*: thermoregulator, climate control

(1) **thermostat** settings, (2) smart **thermostat**

The digital **thermostat** has a programmable feature, and it can be controlled through your smartphone.

## temperature

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

*synonym*: climate, warmth, degree

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

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

## plausible

*adj.* seeming reasonable or likely to be true, and therefore convincing

*synonym*: probable, conceivable, credible

(1) **plausible** explanation, (2) a **plausible** liar

She could find no **plausible** explanation for its failure.

## excite

*v.* to make someone feel suddenly enthusiastic or eager

*synonym*: thrill, exhilarate, animate

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

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

## misunderstand

*v.* to interpret or understand something in the wrong way

*synonym*: misinterpret, misperceive, misapprehend

(1) **misunderstand** each other, (2) **misunderstand** entirely about her

You should not **misunderstand** the meaning of freedom.

## convince

*v.* to persuade someone or make someone believe that something is true

*synonym*: persuade, win over, convert

(1) **convince** her to go with us, (2) **convince** an opponent

I am considering what I should do to **convince** him.

## curiosity

*n.* a strong desire to know or learn about something  
*synonym*: interest, inquisitiveness, novelty

(1) boundless **curiosity**, (2) satisfy my intellectual **curiosity**

We are motivated by **curiosity** rather than necessity.

## geoengineering

*n.* the study of finding ways to change the Earth's climate system, primarily to reduce global warming; deliberate and large-scale intervention in the Earth's climate system

(1) **geoengineering** technology, (2) **geoengineering** schemes

It is unclear what all of the potential consequences of **geoengineering** could be.

## sunlight

*n.* the light emitted by the sun; the rays of the sun  
*synonym*: daylight, rays, sunshine

(1) a glare of **sunlight**, (2) in direct **sunlight**

Radiation from **sunlight** has a different wavelength.

## low-lying

*adj.* situated at or near ground level; located in an area that is susceptible to flooding or inundation; having a position, status, or condition that is humble or inferior in relation to others

*synonym*: close to the ground, flat, sea-level

(1) **low-lying** countries, (2) **low-lying** region

The **low-lying** area near the river is prone to flooding during heavy rain.

## transparent

*adj.* easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely

*synonym*: translucent, evident, diaphanous

(1) a **transparent** lie, (2) **transparent** crystal

The focus of these initiatives is to make the financial system more **transparent**.

## contrail

*n.* (short for "condensation trail") a visible trail of condensed water vapor or ice crystals that form in the

wake of an aircraft, rocket, or another object as it moves through the air

*synonym* : vapor trail, condensation trail

(1) **contrail** formation, (2) persistent **contrail**

The increase in air traffic has led to increased **contrails** in the atmosphere.

## jet

*n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances

*synonym* : plane, aircraft, flier

(1) private **jet**, (2) commercial **jet**

The **jet** flew over the ocean at high speed, reaching its destination in hours.

## engine

*n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

*synonym* : motor, locomotive, driver

(1) a steam **engine**, (2) an air-cooled **engine**

The policies he announces can be the **engine** of economic growth in the country.

## accident

*n.* an unfortunate event, especially one causing damage or injury

*synonym* : calamity, casualty, chance

(1) cause an **accident**, (2) injury in a car **accident**

The **accident** partially destroyed my vehicle.

## government

*n.* the group of people with authority to control a country or state

*synonym* : administration, regime, state

(1) **government** bureaucracy, (2) **government** funding

The federal **government** is planning to increase taxes for the next fiscal year.

## conspiracy

*n.* a secret agreement between two or more people to perform something harmful or illegal

*synonym* : plot, collaboration, scheme

(1) political **conspiracy**, (2) **conspiracy** theory

There was a **conspiracy** of silence about illegal police interrogation.

## lane

*n.* a narrow road in the countryside; a well-defined track or path for someone such as a swimmer or driver

*synonym* : roadway, street, artery

(1) **lane** change, (2) first **lane**

We walked along a muddy **lane** to reach the farm.

## degree

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

*synonym* : level, qualification, diploma

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

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

## giant

*adj.* enormous; much bigger or more important than similar items usually are

*synonym* : big, gigantic, huge

(1) **giant** trees, (2) **giant** tech company

The **giant** jets gradually dominate the world's airlines.

## parasol

*n.* a lightweight and often decorative umbrella, primarily used to protect against sun or rain

*synonym* : umbrella, sunshade

(1) hand-held **parasol**, (2) decorative **parasol**

She shielded herself from the sun with a colorful **parasol** while lounging at the beach.

## fizz

*v.* to make a hissing or bubbling sound, often accompanied by the release of gas or effervescence; to be lively, exciting, or effervescent in character or atmosphere; (noun) the sound, process, or result of something

producing small bubbles

*synonym* : fizzle, effervesce, bubble

(1) **fizz** up after the speech, (2) **fizz** with life

The soda began to **fizz** when I opened the can, spilling over the top and onto my shirt.

## **bubble**

*n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses

*synonym* : blob, balloon, mania

(1) **bubble** in the champagne glass, (2) economic **bubble**

Many people worry that the current real estate market is a **bubble** that could burst soon.

## **chalk**

*n.* a soft, white, porous sedimentary rock composed of calcium carbonate, often used for drawing or writing on surfaces such as blackboards

*synonym* : white rock, limestone, gypsum

(1) a piece of **chalk**, (2) **chalk** on a blackboard

The kids used colored **chalk** to create a mural on the pavement.

## **stratosphere**

*n.* the second layer of the Earth's atmosphere, extending from about 7 to 50 kilometers above the Earth's surface, containing the ozone layer

*synonym* : upper atmosphere, ozone layer

(1) **stratosphere** layer, (2) **stratosphere** ozone

The ozone layer, which protects us from harmful UV radiation, is in the **stratosphere**.

## **neat**

*adj.* clean or tidy, with everything in its place

*synonym* : tidy, uncluttered, refined

(1) a **neat** piece of work, (2) **neat** idea

She has **neat** habits.

## mineral

*n.* a solid inorganic substance occurring in nature having a definite chemical composition

(1) vitamin and **minerals**, (2) **mineral** rights

The robust economy of the country is based on its **mineral** resources.

## dissolve

*v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

*synonym*: disband, disappear, liquefy

(1) **dissolve** the sugar, (2) officially **dissolved** the marriage

The political party **dissolved** after much internal fighting.

## rainwater

*n.* water that falls from the clouds in the form of rain and is collected

*synonym*: precipitation, drizzle, showers

(1) **rainwater** acidity, (2) **rainwater** drainage

The company installed a **rainwater** harvesting system to collect and reuse it for manufacturing.

## calculate

*v.* to judge or find out the amount or number of something by using mathematics

*synonym*: compute, figure, estimate

(1) **calculate** the distance, (2) **calculate** his credit score

He couldn't **calculate** the actual value of the artwork.

## back-of-the-envelope

*adj.* describing a rough calculation, estimation, or assessment made with minimal information and done quickly, often literally scribbled on any available piece of paper, such as the back of an envelope

*synonym*: rough, approximate, ballpark

(1) **back-of-the-envelope** plan, (2) **back-of-the-envelope** estimate

The engineer made a rough estimate of the project's cost with a **back-of-the-envelope** calculation.

## calculation

*n.* the act or process of using numbers to judge an amount of something

*synonym* : analysis, computation, estimate

(1) make a **calculation**, (2) **calculation** of loss and gain  
The error in the **calculation** was attributable to rounding.

## undo

v. to reverse the effect of an action or event, typically one that is recent or specific

*synonym* : reverse, retract, revoke

(1) **undo** changes, (2) **undo** a belt

I accidentally deleted the file, so can you **undo** that action?

## visualize

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

*synonym* : imagine, picture, envision

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

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

## hose

n. a flexible tube or pipe used to convey fluids, typically water or air; to spray someone or something with water or another liquid in a forceful manner

*synonym* : tube, pipe, conduit

(1) garden **hose**, (2) **hose** bumper

The firefighter grabbed the **hose** and aimed it at the burning building to extinguish the fire.

## pump

v. to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

*synonym* : drain, inject, send

(1) **pump** a secret out of success, (2) **pump** blood throughout the body

He was alert and could not **pump** any critical information out of him.

## industrial

*adj.* of or relating to or resulting from industry

*synonym* : manufacturing, mechanical



(1) beginning of the **industrial** revolution, (2) **industrial** alcohol

**Industrial** design has become more focused on human nature aspect than ever before.

## amazing

*adj.* extremely surprising, especially in a way that you like or admire

*synonym*: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

## addiction

*n.* the inability to stop using or doing something as a habit, especially something harmful

*synonym*: dependence

(1) alcohol **addiction**, (2) **addiction** to foreign oil

He is now fighting his **addiction** to drugs.

## fossil

*n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

*synonym*: relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

## fuel

*n.* a substance that is typically burned to generate heat or energy

*synonym*: energy, power, gas

(1) biomass **fuel**, (2) smokeless **fuel**

The **fuel** scarcity most severely impacted the manufacturing sector

## mess

*n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy

*synonym*: disarray, confusion, predicament

(1) have a whole **mess**, (2) get into a **mess**

He made a frightful **mess** in his room.

## planet

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

*synonym* : earth, world, globe

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

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

## 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**.

## mitigate

*v.* to make less severe or less intense; to alleviate or lessen the adverse effects of something

*synonym* : alleviate, relieve, reduce

(1) **mitigate** risk, (2) **mitigate** a natural disaster

Efforts to **mitigate** the effects of climate change require a coordinated and sustained effort by governments, businesses, and individuals.

## 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.

## creative

*adj.* relating to or involving the use of skill and original and unusual ideas to create something

*synonym* : imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his subordinates more **creative**.

## caution

*n.* great care and attention that you take to avoid danger or mistakes; a warning against certain acts

*synonym*: carefulness, warning, notice

(1) extreme **caution**, (2) act with **caution**

He gave a stern **caution** to the naughty student.

## bullet

*n.* a metal projectile that is shot from a gun

*synonym*: projectile, slug, shot

(1) **bullet** wound, (2) **bullet** train

The stray **bullet** went through the window and hit the wall.

## optimist

*n.* a person who tends to expect the best in all things and to be hopeful and confident about the future

*synonym*: positive thinker, dreamer, idealist

(1) **optimist** by nature, (2) excessive **optimist**

She is a confident **optimist** who always looks on the bright side.

## spark

*v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity

*synonym*: start, inspire, provoke

(1) **spark** his interest, (2) **spark** a chain reaction

The bankruptcy of the giant conglomerate **sparked** turmoil in the stock market.

## controversy

*n.* a lot of discussion and argument about something, often involving strong feelings of anger or disapproval

*synonym*: disagreement, dispute, argument

(1) **controversy** among researchers, (2) arouse **controversy**

They entered into **controversy** with the member of the ruling party.

## encourage

- v. to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

*synonym*: facilitate, persuade, stimulate

(1) **encourage** a sense of affinity, (2) **encourage** antisocial behavior

They **encouraged** customers with a premium for loyal patronage.

## discuss

- v. to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

*synonym*: talk about, converse, debate

(1) **discuss** options, (2) **discuss** solutions

We need to **discuss** the next steps for the project during our meeting tomorrow.

## Session 2: Spelling

- |                                   |  |
|-----------------------------------|--|
| 1. cal_____on of loss and gain    | <i>n.</i> the act or process of using numbers to judge an amount of something  |
| 2. effects of cl_____e change     | <i>n.</i> the weather in a particular location averaged over some long period  |
| 3. pro_____on tactics             | <i>n.</i> action or speech that intentionally causes someone to become angry, irritated, or frustrated; a reason or motive for something, often negative or undesired  |
| 4. persistent co_____il           | <i>n.</i> (short for "condensation trail") a visible trail of condensed water vapor or ice crystals that form in the wake of an aircraft, rocket, or another object as it moves through the air  |
| 5. cause an ac_____nt             | <i>n.</i> an unfortunate event, especially one causing damage or injury  |
| 6. bu____e in the champagne glass | <i>n.</i> a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses                                       |
| 7. 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 |

ANSWERS: 1. calculation, 2. climate, 3. provocation, 4. contrail, 5. accident, 6. bubble, 7. develop

- |  |  |
|--|--|
| 8. a glare of su____ht                     | <i>n.</i> the light emitted by the sun; the rays of the sun  |
| 9. con_____cy theory                       | <i>n.</i> a secret agreement between two or more people to perform something harmful or illegal  |
| 10. a cold cl_____e                        | <i>n.</i> the weather in a particular location averaged over some long period  |
| 11. gi__t tech company                     | <i>adj.</i> enormous; much bigger or more important than similar items usually are   |
| 12. str_____ere layer                      | <i>n.</i> the second layer of the Earth's atmosphere, extending from about 7 to 50 kilometers above the Earth's surface, containing the ozone layer  |
| 13. biomass f__l                           | <i>n.</i> a substance that is typically burned to generate heat or energy  |
| 14. 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 |
| 15. smart the_____at                       | <i>n.</i> a device that automatically regulates temperature by controlling the heating or cooling system based on the temperature in a room or building  |
| 16. beginning of the ind_____al revolution | <i>adj.</i> of or relating to or resulting from industry   |
| 17. smokeless f__l                         | <i>n.</i> a substance that is typically burned to generate heat or energy  |

ANSWERS: 8. sunlight, 9. conspiracy, 10. climate, 11. giant, 12. stratosphere, 13. fuel, 14. develop, 15. thermostat, 16. industrial, 17. fuel

18. ex\_\_\_e rebellion v. to make someone feel suddenly enthusiastic or eager
19. verbal pro\_\_\_\_\_on n. action or speech that intentionally causes someone to become angry, irritated, or frustrated; a reason or motive for something, often negative or undesired
20. di\_\_\_\_\_ve the sugar v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
21. a fo\_\_\_l leaf n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
22. h\_\_\_e bumper n. a flexible tube or pipe used to convey fluids, typically water or air; to spray someone or something with water or another liquid in a forceful manner
23. mis\_\_\_\_\_and each other v. to interpret or understand something in the wrong way
24. f\_\_z with life v. to make a hissing or bubbling sound, often accompanied by the release of gas or effervescence; to be lively, exciting, or effervescent in character or atmosphere; (noun) the sound, process, or result of something producing small bubbles
25. di\_\_\_\_\_s solutions v. to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

ANSWERS: 18. excite, 19. provocation, 20. dissolve, 21. fossil, 22. hose, 23. misunderstand, 24. fizz, 25. discuss

26. ca\_\_\_\_\_te the distance      *v.* to judge or find out the amount or number of something by using mathematics
27. ra\_\_\_\_\_er acidity      *n.* water that falls from the clouds in the form of rain and is collected
28. the atmospheric tem\_\_\_\_\_re      *n.* the degree of hotness or coldness of a thing or place
29. decorative pa\_\_\_\_\_l      *n.* a lightweight and often decorative umbrella, primarily used to protect against sun or rain
30. p\_\_p blood throughout the body      *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
31. burning of fo\_\_\_\_l fuels      *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
32. alcohol ad\_\_\_\_\_on      *n.* the inability to stop using or doing something as a habit, especially something harmful
33. n\_\_t idea      *adj.* clean or tidy, with everything in its place
34. pl\_\_\_\_\_le explanation      *adj.* seeming reasonable or likely to be true, and therefore convincing
35. tra\_\_\_\_\_nt crystal      *adj.* easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely
36. a n\_\_t piece of work      *adj.* clean or tidy, with everything in its place

ANSWERS: 26. calculate, 27. rainwater, 28. temperature, 29. parasol, 30. pump, 31. fossil, 32. addiction, 33. neat, 34. plausible, 35. transparent, 36. neat



37. excessive op\_\_\_\_st *n.* a person who tends to expect the best in all things and to be hopeful and confident about the future
38. sp\_\_k his interest *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
39. geo\_\_\_\_\_ing schemes *n.* the study of finding ways to change the Earth's climate system, primarily to reduce global warming; deliberate and large-scale intervention in the Earth's climate system
40. ca\_\_\_\_\_te his credit score *v.* to judge or find out the amount or number of something by using mathematics
41. the most am\_\_\_\_g feeling *adj.* extremely surprising, especially in a way that you like or admire
42. arouse con\_\_\_\_\_sy *n.* a lot of discussion and argument about something, often involving strong feelings of anger or disapproval
43. gi\_\_t trees *adj.* enormous; much bigger or more important than similar items usually are
44. l\_\_e change *n.* a narrow road in the countryside; a well-defined track or path for someone such as a swimmer or driver
45. a piece of ch\_\_k *n.* a soft, white, porous sedimentary rock composed of calcium carbonate, often used for drawing or writing on surfaces such as blackboards
46. str\_\_\_\_\_ere ozone *n.* the second layer of the Earth's atmosphere, extending from about 7 to 50 kilometers above the Earth's surface, containing the ozone layer

ANSWERS: 37. optimist, 38. spark, 39. geoengineering, 40. calculate, 41. amazing, 42. controversy, 43. giant, 44. lane, 45. chalk, 46. stratosphere

47. extreme tem\_\_\_\_\_res *n.* the degree of hotness or coldness of a thing or place
48. bac\_\_\_\_\_ope estimate *adj.* describing a rough calculation, estimation, or assessment made with minimal information and done quickly, often literally scribbled on any available piece of paper, such as the back of an envelope
49. economic bu\_\_\_e *n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses
50. co\_\_\_\_\_ce an opponent *v.* to persuade someone or make someone believe that something is true
51. p\_\_p a secret out of success *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
52. bu\_\_\_t wound *n.* a metal projectile that is shot from a gun
53. extreme ca\_\_\_\_\_n *n.* great care and attention that you take to avoid danger or mistakes; a warning against certain acts
54. en\_\_\_\_\_ge antisocial behavior *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

ANSWERS: 47. temperature, 48. back-of-the-envelope, 49. bubble, 50. convince, 51. pump, 52. bullet, 53. caution, 54. encourage

55. co\_\_\_\_ce her to go with us *v.* to persuade someone or make someone believe that something is true
56. injury in a car ac\_\_\_\_nt *n.* an unfortunate event, especially one causing damage or injury
57. op\_\_\_\_st by nature *n.* a person who tends to expect the best in all things and to be hopeful and confident about the future
58. u\_\_o a belt *v.* to reverse the effect of an action or event, typically one that is recent or specific
59. barren of cr\_\_\_\_ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
60. act with ca\_\_\_\_n *n.* great care and attention that you take to avoid danger or mistakes; a warning against certain acts
61. first l\_\_e *n.* a narrow road in the countryside; a well-defined track or path for someone such as a swimmer or driver
62. boundless cu\_\_\_\_ty *n.* a strong desire to know or learn about something
63. en\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
64. gov\_\_\_\_nt funding *n.* the group of people with authority to control a country or state
65. bac\_\_\_\_\_ope plan *adj.* describing a rough calculation, estimation, or assessment made with minimal information and done quickly, often literally scribbled on any available piece of paper, such as the back of an envelope

ANSWERS: 55. convince, 56. accident, 57. optimist, 58. undo, 59. creative, 60. caution, 61. lane, 62. curiosity, 63. engineer, 64. government, 65. back-of-the-envelope

66. di\_\_\_\_s options      *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
67. ex\_\_\_\_e the crowd      *v.* to make someone feel suddenly enthusiastic or eager
68. the\_\_\_\_\_at settings      *n.* a device that automatically regulates temperature by controlling the heating or cooling system based on the temperature in a room or building
69. mi\_\_\_\_l rights      *n.* a solid inorganic substance occurring in nature having a definite chemical composition
70. cr\_\_\_\_ve writing      *adj.* relating to or involving the use of skill and original and unusual ideas to create something
71. u\_\_o changes      *v.* to reverse the effect of an action or event, typically one that is recent or specific
72. mis\_\_\_\_\_and entirely about her      *v.* to interpret or understand something in the wrong way
73. a pl\_\_\_\_\_le liar      *adj.* seeming reasonable or likely to be true, and therefore convincing
74. sp\_\_k a chain reaction      *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
75. save the pl\_\_\_\_t      *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 66. discuss, 67. excite, 68. thermostat, 69. mineral, 70. creative, 71. undo, 72. misunderstand, 73. plausible, 74. spark, 75. planet

76. lo\_\_\_\_\_ng region *adj.* situated at or near ground level; located in an area that is susceptible to flooding or inundation; having a position, status, or condition that is humble or inferior in relation to others
77. lo\_\_\_\_\_ng countries *adj.* situated at or near ground level; located in an area that is susceptible to flooding or inundation; having a position, status, or condition that is humble or inferior in relation to others
78. de\_\_\_e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
79. mi\_\_\_\_\_te a natural disaster *v.* to make less severe or less intense; to alleviate or lessen the adverse effects of something
80. ch\_\_k on a blackboard *n.* a soft, white, porous sedimentary rock composed of calcium carbonate, often used for drawing or writing on surfaces such as blackboards
81. make a cal\_\_\_\_\_on *n.* the act or process of using numbers to judge an amount of something
82. en\_\_\_\_\_ge a sense of affinity *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
83. political con\_\_\_\_\_cy *n.* a secret agreement between two or more people to perform something harmful or illegal

ANSWERS: 76. low-lying, 77. low-lying, 78. degree, 79. mitigate, 80. chalk, 81. calculation, 82. encourage, 83. conspiracy

84. ra\_\_\_\_\_er drainage *n.* water that falls from the clouds in the form of rain and is collected
85. a civil en\_\_\_\_\_er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
86. in direct su\_\_\_\_\_ht *n.* the light emitted by the sun; the rays of the sun
87. officially di\_\_\_\_\_ved the marriage *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
88. have a whole m\_\_\_\_s *n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
89. hand-held pa\_\_\_\_\_l *n.* a lightweight and often decorative umbrella, primarily used to protect against sun or rain
90. a tra\_\_\_\_\_nt lie *adj.* easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely
91. pl\_\_\_\_t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
92. garden h\_\_e *n.* a flexible tube or pipe used to convey fluids, typically water or air; to spray someone or something with water or another liquid in a forceful manner
93. ad\_\_\_\_\_on to foreign oil *n.* the inability to stop using or doing something as a habit, especially something harmful

ANSWERS: 84. rainwater, 85. engineer, 86. sunlight, 87. dissolve, 88. mess, 89. parasol, 90. transparent, 91. planet, 92. hose, 93. addiction

94. a convivial atm\_\_\_\_\_re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
95. am\_\_\_\_\_g advances *adj.* extremely surprising, especially in a way that you like or admire
96. ind\_\_\_\_\_al alcohol *adj.* of or relating to or resulting from industry
97. bachelor's de\_\_\_e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
98. vi\_\_\_\_\_ze flying through space *v.* to form a mental image or concept of something; to make something visible
99. vi\_\_\_\_\_ze data *v.* to form a mental image or concept of something; to make something visible
100. geo\_\_\_\_\_ing technology *n.* the study of finding ways to change the Earth's climate system, primarily to reduce global warming; deliberate and large-scale intervention in the Earth's climate system
101. private j\_t *n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
102. con\_\_\_\_\_sy among researchers *n.* a lot of discussion and argument about something, often involving strong feelings of anger or disapproval
103. carbon dioxide in the atm\_\_\_\_\_re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

ANSWERS: 94. atmosphere, 95. amazing, 96. industrial, 97. degree, 98. visualize, 99. visualize, 100. geoengineering, 101. jet, 102. controversy, 103. atmosphere

104. co\_\_\_\_\_il formation *n.* (short for "condensation trail") a visible trail of condensed water vapor or ice crystals that form in the wake of an aircraft, rocket, or another object as it moves through the air
105. an air-cooled en\_\_\_\_\_e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
106. f\_\_z up after the speech *v.* to make a hissing or bubbling sound, often accompanied by the release of gas or effervescence; to be lively, exciting, or effervescent in character or atmosphere; (noun) the sound, process, or result of something producing small bubbles
107. gov\_\_\_\_\_nt bureaucracy *n.* the group of people with authority to control a country or state
108. satisfy my intellectual cu\_\_\_\_\_ty *n.* a strong desire to know or learn about something
109. a steam en\_\_\_\_\_e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
110. bu\_\_\_\_t train *n.* a metal projectile that is shot from a gun
111. mi\_\_\_\_\_te risk *v.* to make less severe or less intense; to alleviate or lessen the adverse effects of something
112. vitamin and mi\_\_\_\_\_ls *n.* a solid inorganic substance occurring in nature having a definite chemical composition

ANSWERS: 104. contrail, 105. engine, 106. fizz, 107. government, 108. curiosity, 109. engine, 110. bullet, 111. mitigate, 112. mineral



113. get into a m\_\_s

*n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy

114. commercial j\_t

*n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances

ANSWERS: 113. mess, 114. jet

## Session 3: Fill in the Blanks

1. The federal \_\_\_\_\_ is planning to increase taxes for the next fiscal year.  
*n.* the group of people with authority to control a country or state
2. She could find no \_\_\_\_\_ explanation for its failure.  
*adj.* seeming reasonable or likely to be true, and therefore convincing
3. \_\_\_\_\_ and weather have an impact on every part of our lifestyles.  
*n.* the weather in a particular location averaged over some long period
4. She shielded herself from the sun with a colorful \_\_\_\_\_ while lounging at the beach.  
*n.* a lightweight and often decorative umbrella, primarily used to protect against sun or rain
5. The \_\_\_\_ scarcity most severely impacted the manufacturing sector  
*n.* a substance that is typically burned to generate heat or energy
6. She has \_\_\_\_ habits.  
*adj.* clean or tidy, with everything in its place
7. The ozone layer, which protects us from harmful UV radiation, is in the \_\_\_\_\_.  
*n.* the second layer of the Earth's atmosphere, extending from about 7 to 50 kilometers above the Earth's surface, containing the ozone layer
8. The political party \_\_\_\_\_ after much internal fighting.  
*v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

ANSWERS: 1. government, 2. plausible, 3. Climate, 4. parasol, 5. fuel, 6. neat, 7. stratosphere, 8. dissolved

9. The \_\_\_\_\_ partially destroyed my vehicle.  
*n.* an unfortunate event, especially one causing damage or injury
10. Efforts to \_\_\_\_\_ the effects of climate change require a coordinated and sustained effort by governments, businesses, and individuals.  
*v.* to make less severe or less intense; to alleviate or lessen the adverse effects of something
11. The \_\_\_\_\_ jets gradually dominate the world's airlines.  
*adj.* enormous; much bigger or more important than similar items usually are
12. There was a \_\_\_\_\_ of silence about illegal police interrogation.  
*n.* a secret agreement between two or more people to perform something harmful or illegal
13. The engineer made a rough estimate of the project's cost with a \_\_\_\_\_ calculation.  
*adj.* describing a rough calculation, estimation, or assessment made with minimal information and done quickly, often literally scribbled on any available piece of paper, such as the back of an envelope
14. I accidentally deleted the file, so can you \_\_\_\_\_ that action?  
*v.* to reverse the effect of an action or event, typically one that is recent or specific
15. We are motivated by \_\_\_\_\_ rather than necessity.  
*n.* a strong desire to know or learn about something
16. It was the \_\_\_\_\_ of a dinosaur tooth.  
*n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

ANSWERS: 9. accident, 10. mitigate, 11. giant, 12. conspiracy, 13. back-of-the-envelope, 14. undo, 15. curiosity, 16. fossil

17. The kids used colored \_\_\_\_\_ to create a mural on the pavement.  
*n.* a soft, white, porous sedimentary rock composed of calcium carbonate, often used for drawing or writing on surfaces such as blackboards
18. The golfer recorded an \_\_\_\_\_ distance.  
*adj.* extremely surprising, especially in a way that you like or admire
19. The \_\_\_\_ flew over the ocean at high speed, reaching its destination in hours.  
*n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
20. The news of her promotion \_\_\_\_\_ her.  
*v.* to make someone feel suddenly enthusiastic or eager
21. The politician's speech was seen as a \_\_\_\_\_ to the opposition party.  
*n.* action or speech that intentionally causes someone to become angry, irritated, or frustrated; a reason or motive for something, often negative or undesired
22. We walked along a muddy \_\_\_\_\_ to reach the farm.  
*n.* a narrow road in the countryside; a well-defined track or path for someone such as a swimmer or driver
23. He is now fighting his \_\_\_\_\_ to drugs.  
*n.* the inability to stop using or doing something as a habit, especially something harmful
24. He was alert and could not \_\_\_\_\_ any critical information out of him.  
*v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

ANSWERS: 17. chalk, 18. amazing, 19. jet, 20. excited, 21. provocation, 22. lane, 23. addiction, 24. pump

25. The soda began to \_\_\_\_\_ when I opened the can, spilling over the top and onto my shirt.
- v.* to make a hissing or bubbling sound, often accompanied by the release of gas or effervescence; to be lively, exciting, or effervescent in character or atmosphere; (noun) the sound, process, or result of something producing small bubbles
26. It is unclear what all of the potential consequences of \_\_\_\_\_ could be.
- n.* the study of finding ways to change the Earth's climate system, primarily to reduce global warming; deliberate and large-scale intervention in the Earth's climate system
27. She is a confident \_\_\_\_\_ who always looks on the bright side.
- n.* a person who tends to expect the best in all things and to be hopeful and confident about the future
28. She tried to \_\_\_\_\_ the layout of the new house in her mind.
- v.* to form a mental image or concept of something; to make something visible
29. The policies he announces can be the \_\_\_\_\_ of economic growth in the country.
- n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
30. 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
31. We need to \_\_\_\_\_ the next steps for the project during our meeting tomorrow.
- v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

ANSWERS: 25. fizz, 26. geoengineering, 27. optimist, 28. visualize, 29. engine, 30. atmosphere, 31. discuss

32. He made a frightful \_\_\_\_\_ in his room.
- n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
33. The company installed a \_\_\_\_\_ harvesting system to collect and reuse it for manufacturing.
- n.* water that falls from the clouds in the form of rain and is collected
34. The digital \_\_\_\_\_ has a programmable feature, and it can be controlled through your smartphone.
- n.* a device that automatically regulates temperature by controlling the heating or cooling system based on the temperature in a room or building
35. Cities around the world set records for highest \_\_\_\_\_ this summer.
- n.* the degree of hotness or coldness of a thing or place
36. I am considering what I should do to \_\_\_\_\_ him.
- v.* to persuade someone or make someone believe that something is true
37. The error in the \_\_\_\_\_ was attributable to rounding.
- n.* the act or process of using numbers to judge an amount of something
38. The stray \_\_\_\_\_ went through the window and hit the wall.
- n.* a metal projectile that is shot from a gun
39. The \_\_\_\_\_ will repair my telephone tomorrow morning.
- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 32. mess, 33. rainwater, 34. thermostat, 35. temperatures, 36. convince, 37. calculation, 38. bullet, 39. engineer

40. He gave a stern \_\_\_\_\_ to the naughty student.  
*n.* great care and attention that you take to avoid danger or mistakes; a warning against certain acts
41. You should not \_\_\_\_\_ the meaning of freedom.  
*v.* to interpret or understand something in the wrong way
42. She received her \_\_\_\_\_ in psychology from the university.  
*n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
43. Mercury is the closest \_\_\_\_\_ to the sun.  
*n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
44. They \_\_\_\_\_ customers with a premium for loyal patronage.  
*v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
45. Radiation from \_\_\_\_\_ has a different wavelength.  
*n.* the light emitted by the sun; the rays of the sun
46. The firefighter grabbed the \_\_\_\_\_ and aimed it at the burning building to extinguish the fire.  
*n.* a flexible tube or pipe used to convey fluids, typically water or air; to spray someone or something with water or another liquid in a forceful manner
47. The focus of these initiatives is to make the financial system more \_\_\_\_\_.  
*adj.* easy to perceive, detect, or understand; (of a material or article) permitting light to pass through freely

ANSWERS: 40. caution, 41. misunderstand, 42. degree, 43. planet, 44. encouraged, 45. sunlight, 46. hose, 47. transparent

48. The increase in air traffic has led to increased \_\_\_\_\_ in the atmosphere.  
*n.* (short for "condensation trail") a visible trail of condensed water vapor or ice crystals that form in the wake of an aircraft, rocket, or another object as it moves through the air
49. The robust economy of the country is based on its \_\_\_\_\_ resources.  
*n.* a solid inorganic substance occurring in nature having a definite chemical composition
50. The \_\_\_\_\_ area near the river is prone to flooding during heavy rain.  
*adj.* situated at or near ground level; located in an area that is susceptible to flooding or inundation; having a position, status, or condition that is humble or inferior in relation to others
51. He couldn't \_\_\_\_\_ the actual value of the artwork.  
*v.* to judge or find out the amount or number of something by using mathematics
52. Many people worry that the current real estate market is a \_\_\_\_\_ that could burst soon.  
*n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses
53. All the supervisor has to do is assign tasks that make his subordinates more \_\_\_\_\_.  
*adj.* relating to or involving the use of skill and original and unusual ideas to create something
54. They entered into \_\_\_\_\_ with the member of the ruling party.  
*n.* a lot of discussion and argument about something, often involving strong feelings of anger or disapproval

ANSWERS: 48. contrails, 49. mineral, 50. low-lying, 51. calculate, 52. bubble, 53. creative, 54. controversy



55. The bankruptcy of the giant conglomerate \_\_\_\_\_ turmoil in the stock market.
- v. to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
56. 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
57. \_\_\_\_\_ design has become more focused on human nature aspect than ever before.
- adj.* of or relating to or resulting from industry

ANSWERS: 55. sparked, 56. develop, 57. Industrial