

# Englist.me



## Vocabulary Builder Reference from...

Erin Meezan: What nature can teach us about sustainable business | TED Talk

[https://www.ted.com/talks/erin\\_meezan\\_what\\_nature\\_can\\_teach\\_us\\_about\\_sustainable\\_business](https://www.ted.com/talks/erin_meezan_what_nature_can_teach_us_about_sustainable_business)

### All Words

#### IMPORTANT

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## Session 1: Word List

### debate

*n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives

*synonym*: argument, discussion, dispute

(1) **debate** topic, (2) **debate** competition

The **debate** over climate change continues to be a hot topic in politics.

### 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.

### benchmark

*n.* a standard or reference point used for comparison or evaluation; a point of reference for measuring progress or performance

*synonym*: standard, measure, gauge

(1) industry **benchmark**, (2) performance **benchmark**

The teacher used a **benchmark** to measure the progress of

her students.

**belt**

*v.* to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body

*synonym*: sing, hit hard, (noun) strap

(1) **belt** him in the face, (2) leather **belt**

The band was **belting** out old songs in response to audience requests.

**complexity**

*n.* the state or quality of being complicated or intricate and difficult to understand

*synonym*: intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

**chemistry**

*n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions

(1) professor of **chemistry**, (2) the **chemistry** of soil

He is familiar with **chemistry** and biology.

**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.

**harness**

*v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object

*synonym*: rein in, control, (noun) belt

(1) **harness** a horse to a carriage, (2) put a **harness** on my pet

People have been exploring ways to **harness** natural forces and resources since ancient times.

## sustainable

*adj.* able to continue or be continued for a long time

*synonym* : continuable, enduring, tolerable

(1) **sustainable** alternative fuel, (2) principles of **sustainable** development

The government should do more to support environmentally **sustainable** agriculture.

## countdown

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

*synonym* : timer

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

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

## pledge

*v.* to make a formal promise to give or do something

*synonym* : promise, assure, guarantee

(1) **pledge** my fidelity, (2) **pledge** military assistance

At this ceremony, We will **pledge** allegiance to the country's flag.

## interface

*n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things

*synonym* : junction, surface, UI

(1) **interface** between gas and liquid, (2) the user **interface**

Detergent weakens the surface tension at the **interface** of two liquids.

## sector

*n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity

*synonym* : division, department, branch

(1) industrial **sector**, (2) private **sector**

The technology **sector** is constantly evolving and innovating.

## manufacture

v. to make goods in large numbers, usually in a factory using machines

*synonym* : create, fabricate, assemble

(1) **manufacture** an enzyme, (2) **manufacture** a product

The majority of synthetic vitamins are **manufactured** from oil.

## locate

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

*synonym* : discover, find, place

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

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

## operate

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

*synonym* : work, use, employ

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

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

## construct

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

*synonym* : build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam

He **constructs** hypotheses that no mathematician has ever imagined before.

## carbon

n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

(1) **carbon** dioxide, (2) **carbon** emission

Trees absorb **carbon** dioxide and give off oxygen.

## emission

n. the act of production or sending out gas, heat, light, etc.

*synonym* :

emanation, radiation, discharge

(1) global **emissions** of greenhouse gases, (2) the **emission** of light

There are five distinct **emissions** at five unique wavelengths.

## 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.

## recycle

*v.* to sort and collect things to process them and produce valuable materials that can be used again

*synonym*: reclaim, reuse, reprocess

(1) **recycle** the cardboard boxes, (2) **recycle** milk packaging into new paper

We largely **recycle** the circuit board of cell phones because they contain a lot of valuable metals.

## footprint

*n.* a mark of a foot, shoe, or animal's foot left on a surface

*synonym*: footmark, imprint, impression

(1) **footprints** in the snow, (2) the **footprints** of an earlier civilization

We choose transportation that has a smaller carbon **footprint**.

## inspire

*v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

*synonym*: boost, encourage, enlighten

(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel

The unique style of this martial arts **inspired** many action film producers.

## adhesive

*n.* a sticky substance used to hold things together

*synonym*: sticky, clingy, gluey

(1) **adhesive** ability, (2) **adhesive** tape

You'll need some solid **adhesive** to repair that chair.

## exploration

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

*synonym*: inquiry, quest, investigation

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

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

## gecko

*n.* a small to medium-sized lizard with soft, velvety skin, short legs, and adhesive pads on the feet that allow them to climb and walk along vertical surfaces

*synonym*: lizard, salamander, chameleon

(1) **gecko** habitat, (2) house **gecko**

I saw a **gecko** crawling on the wall of my bedroom.

## innovation

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

*synonym*: invention, initiation, creation

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

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

## glue

*n.* a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials

*synonym*: adhesive, paste, gum

(1) **glue** stick, (2) epoxy **glue**

The carpenter applied **glue** to the cabinet joints before nailing them together.

## swap

*v.* to give something and receive something in trade

*synonym*: exchange, switch, trade

(1) **swap** seats, (2) **swap** columns with rows

Don't **swap** horses while crossing a stream.

## biology

*n.* the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**  
In junior high school, we had to dissect a frog in **biology** class.

## innovate

v. to introduce new methods, ideas, or products

*synonym*: bring in, introduce, found

(1) **innovate** a new method, (2) **innovate** the quality of his life

Companies developing self-driving cars consistently **innovate** the emerging technologies.

## emit

v. to give off or send out something such as light, heat, sound, gas, etc.

*synonym*: give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

## environment

n. the natural world such as air, water, and land in which humans, animals, and plants live

*synonym*: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

## harvest

n. yields of plants in a single growing season; the period of the year when gathering occurs on a farm

*synonym*: crop, reaping, yield

(1) a scanty **harvest**, (2) reap a **harvest**

During **harvest**, farmers are incredibly busy.

## purify

v. to remove harmful substances from something and increase the concentration of it

*synonym*: refine, filter, clarify

(1) **purify** hydrogen gas, (2) **purify** the blood

The equipment is frequently used to **purify** and distribute

drinking water.

## 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.

## install

*v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position

*synonym*: establish, inaugurate, lodge

(1) **install** a door, (2) **install** a chairperson

The new president was **installed** immediately after the national election.

## device

*n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

*synonym*: gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

## 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.

## on-site

*adj.* located, situated, or taking place at the same site or place as another specified activity or event; at the location where work or a project is being done or where a service is being provided

*synonym*: on-location, at the site, at the place

(1) **on-site** parking, (2) **on-site** restaurant



The construction team set up an **on-site** office to manage the building project.

## removal

*n.* the act of taking something away or off from a particular place

*synonym*: extraction, elimination, eradication

(1) dental tartar **removal**, (2) **removal** truck

The **removal** of the statue caused much controversy in the community.

## accelerate

*v.* to make something faster or earlier; to cause to develop or progress more quickly

*synonym*: speed up, quicken, rev

(1) **accelerate** a chemical reaction, (2) **accelerate** the car

The government tried to **accelerate** the commercialization of this development.

## committed

*adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something

*synonym*: devoted, faithful, attached

(1) in a **committed** relationship, (2) strong and **committed** sales staff

Our company is strongly **committed** to meeting customers' needs.

## negative

*adj.* having the quality of something bad or harmful; expressing refusal

*synonym*: minus, adverse, pessimistic

(1) have a **negative** effect, (2) a **negative** number

The movie has received almost universally **negative** criticism.

## Session 2: Spelling

1. an op\_\_\_\_\_ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
2. put a ha\_\_\_\_\_s on my pet *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
3. in\_\_\_\_\_te the quality of his life *v.* to introduce new methods, ideas, or products
4. private se\_\_\_\_r *n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
5. env\_\_\_\_\_nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
6. electronic de\_\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
7. ad\_\_\_\_\_ve tape *n.* a sticky substance used to hold things together
8. in\_\_\_\_\_e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

ANSWERS: 1. opportune, 2. harness, 3. innovate, 4. sector, 5. environment, 6. device, 7. adhesive, 8. inspire

9. tracking de\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
10. cutting-edge inn\_\_\_\_\_on *n.* the creation of a new device or process resulting from study and experimentation
11. re\_\_\_\_\_l truck *n.* the act of taking something away or off from a particular place
12. reap a ha\_\_\_\_\_t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
13. g\_\_e stick *n.* a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials
14. a cold cl\_\_\_\_\_e *n.* the weather in a particular location averaged over some long period
15. cognitive com\_\_\_\_\_ty *n.* the state or quality of being complicated or intricate and difficult to understand
16. b\_\_t him in the face *v.* to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body
17. a scanty ha\_\_\_\_\_t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
18. e\_\_t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
19. strong and co\_\_\_\_\_ed sales staff *adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something

ANSWERS: 9. device, 10. innovation, 11. removal, 12. harvest, 13. glue, 14. climate, 15. complexity, 16. belt, 17. harvest, 18. emit, 19. committed

20. ad\_\_\_\_ve ability *n.* a sticky substance used to hold things together
21. acc\_\_\_\_\_te the car *v.* to make something faster or earlier; to cause to develop or progress more quickly
22. in\_\_\_\_\_l a door *v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
23. fo\_\_\_\_\_nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
24. 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
25. ra\_\_\_\_\_er acidity *n.* water that falls from the clouds in the form of rain and is collected
26. a ne\_\_\_\_ve number *adj.* having the quality of something bad or harmful; expressing refusal
27. effects of cl\_\_\_\_\_e change *n.* the weather in a particular location averaged over some long period
28. re\_\_\_\_\_e milk packaging into new paper *v.* to sort and collect things to process them and produce valuable materials that can be used again
29. ca\_\_\_\_n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
30. s\_\_p seats *v.* to give something and receive something in trade

ANSWERS: 20. adhesive, 21. accelerate, 22. install, 23. footprint, 24. planet, 25. rainwater, 26. negative, 27. climate, 28. recycle, 29. carbon, 30. swap

31. op\_\_\_\_\_ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
32. epoxy g\_\_e *n.* a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials
33. principles of sus\_\_\_\_\_le development *adj.* able to continue or be continued for a long time
34. lo\_\_\_e a missing pet *v.* to specify or determine the exact position of someone or something
35. inn\_\_\_\_\_on leader *n.* the creation of a new device or process resulting from study and experimentation
36. pu\_\_\_y the blood *v.* to remove harmful substances from something and increase the concentration of it
37. co\_\_\_\_\_ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole
38. dental tartar re\_\_\_\_\_l *n.* the act of taking something away or off from a particular place
39. have a ne\_\_\_\_\_ve effect *adj.* having the quality of something bad or harmful; expressing refusal
40. on\_\_\_\_\_e parking *adj.* located, situated, or taking place at the same site or place as another specified activity or event; at the location where work or a project is being done or where a service is being provided
41. an Arctic exp\_\_\_\_\_on *n.* the activity of searching and finding out about something through a place

ANSWERS: 31. opportune, 32. glue, 33. sustainable, 34. locate, 35. innovation, 36. purify, 37. construct, 38. removal, 39. negative, 40. on-site, 41. exploration

42. global em\_\_\_\_\_ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
43. e\_\_t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
44. leather b\_\_t *v.* to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body
45. lo\_\_\_e a tumor *v.* to specify or determine the exact position of someone or something
46. future of space exp\_\_\_\_\_on *n.* the activity of searching and finding out about something through a place
47. pl\_\_\_e military assistance *v.* to make a formal promise to give or do something
48. man\_\_\_\_\_re an enzyme *v.* to make goods in large numbers, usually in a factory using machines
49. chaotic env\_\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
50. wedding co\_\_\_\_\_wn *n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline
51. in\_\_\_\_\_te a new method *v.* to introduce new methods, ideas, or products
52. the em\_\_\_\_\_on of light *n.* the act of production or sending out gas, heat, light, etc.

ANSWERS: 42. emission, 43. emit, 44. belt, 45. locate, 46. exploration, 47. pledge, 48. manufacture, 49. environment, 50. countdown, 51. innovate, 52. emission

53. industrial se\_\_\_r *n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
54. re\_\_\_\_\_e the cardboard boxes *v.* to sort and collect things to process them and produce valuable materials that can be used again
55. ha\_\_\_\_\_s a horse to a carriage *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
56. acc\_\_\_\_\_te a chemical reaction *v.* to make something faster or earlier; to cause to develop or progress more quickly
57. a civil en\_\_\_\_\_er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
58. in\_\_\_\_\_l a chairperson *v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
59. de\_\_\_e competition *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
60. sus\_\_\_\_\_le alternative fuel *adj.* able to continue or be continued for a long time

ANSWERS: 53. sector, 54. recycle, 55. harness, 56. accelerate, 57. engineer, 58. install, 59. debate, 60. sustainable

61. en\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
62. ge\_\_o habitat *n.* a small to medium-sized lizard with soft, velvety skin, short legs, and adhesive pads on the feet that allow them to climb and walk along vertical surfaces
63. in a co\_\_\_\_\_ed relationship *adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something
64. house ge\_\_o *n.* a small to medium-sized lizard with soft, velvety skin, short legs, and adhesive pads on the feet that allow them to climb and walk along vertical surfaces
65. evolutionary bi\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
66. s\_\_p columns with rows *v.* to give something and receive something in trade
67. in\_\_\_\_\_e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
68. ca\_\_\_\_n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
69. industry be\_\_\_\_\_rk *n.* a standard or reference point used for comparison or evaluation; a point of reference for measuring progress or performance

ANSWERS: 61. engineer, 62. gecko, 63. committed, 64. gecko, 65. biology, 66. swap, 67. inspire, 68. carbon, 69. benchmark



70. the ch\_\_\_\_\_ry of soil
- n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
71. the user in\_\_\_\_\_ce
- n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
72. op\_\_\_\_\_e 24 hours a day
- v.* to work in a particular way; to supervise something
73. performance be\_\_\_\_\_rk
- n.* a standard or reference point used for comparison or evaluation; a point of reference for measuring progress or performance
74. man\_\_\_\_\_re a product
- v.* to make goods in large numbers, usually in a factory using machines
75. pu\_\_\_y hydrogen gas
- v.* to remove harmful substances from something and increase the concentration of it
76. 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
77. in\_\_\_\_\_ce between gas and liquid
- n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
78. professor of ch\_\_\_\_\_ry
- n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions

ANSWERS: 70. chemistry, 71. interface, 72. operate, 73. benchmark, 74. manufacture, 75. purify, 76. planet, 77. interface, 78. chemistry

79. on\_\_\_\_e restaurant *adj.* located, situated, or taking place at the same site or place as another specified activity or event; at the location where work or a project is being done or where a service is being provided
80. de\_\_\_\_e topic *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
81. pl\_\_\_\_e my fidelity *v.* to make a formal promise to give or do something
82. the fo\_\_\_\_nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
83. cell and molecular bi\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
84. manually op\_\_\_\_e a machine *v.* to work in a particular way; to supervise something
85. ra\_\_\_\_er drainage *n.* water that falls from the clouds in the form of rain and is collected
86. co\_\_\_\_ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
87. co\_\_\_\_wn clock *n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline

ANSWERS: 79. on-site, 80. debate, 81. pledge, 82. footprint, 83. biology, 84. operate, 85. rainwater, 86. construct, 87. countdown

88. com\_\_\_\_\_ty theory

*n.* the state or quality of being complicated or intricate and difficult to understand

ANSWERS: 88. complexity

## Session 3: Fill in the Blanks

1. He called for a careful \_\_\_\_\_ of the consequences.  
*n.* the activity of searching and finding out about something through a place
2. We choose transportation that has a smaller carbon \_\_\_\_\_.  
*n.* a mark of a foot, shoe, or animal's foot left on a surface
3. The government tried to \_\_\_\_\_ the commercialization of this development.  
*v.* to make something faster or earlier; to cause to develop or progress more quickly
4. The robot can accurately \_\_\_\_\_ construction material.  
*v.* to specify or determine the exact position of someone or something
5. The technology \_\_\_\_\_ is constantly evolving and innovating.  
*n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
6. The band was \_\_\_\_\_ out old songs in response to audience requests.  
*v.* to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body
7. The government should do more to support environmentally \_\_\_\_\_ agriculture.  
*adj.* able to continue or be continued for a long time
8. The phone rang at the most \_\_\_\_\_ time.  
*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 1. exploration, 2. footprint, 3. accelerate, 4. locate, 5. sector, 6. belting, 7. sustainable, 8. opportune

9. During \_\_\_\_\_ farmers are incredibly busy.  
*n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
10. The project's \_\_\_\_\_ made it difficult for the team to complete it on time.  
*n.* the state or quality of being complicated or intricate and difficult to understand
11. The \_\_\_\_\_ over climate change continues to be a hot topic in politics.  
*n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
12. Companies developing self-driving cars consistently \_\_\_\_\_ the emerging technologies.  
*v.* to introduce new methods, ideas, or products
13. The \_\_\_\_\_ of the statue caused much controversy in the community.  
*n.* the act of taking something away or off from a particular place
14. In junior high school, we had to dissect a frog in \_\_\_\_\_ class.  
*n.* the scientific study of life and the natural processes of living things
15. Our company is strongly \_\_\_\_\_ to meeting customers' needs.  
*adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something
16. Detergent weakens the surface tension at the \_\_\_\_\_ of two liquids.  
*n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things

ANSWERS: 9. harvest, 10. complexity, 11. debate, 12. innovate, 13. removal, 14. biology, 15. committed, 16. interface

17. This machine is too difficult to \_\_\_\_\_ for me.  
*v.* to work in a particular way; to supervise something
18. The \_\_\_\_\_ to launch began as the astronauts prepared for their mission.  
*n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline
19. The majority of synthetic vitamins are \_\_\_\_\_ from oil.  
*v.* to make goods in large numbers, usually in a factory using machines
20. I saw a \_\_\_\_\_ crawling on the wall of my bedroom.  
*n.* a small to medium-sized lizard with soft, velvety skin, short legs, and adhesive pads on the feet that allow them to climb and walk along vertical surfaces
21. The movie has received almost universally \_\_\_\_\_ criticism.  
*adj.* having the quality of something bad or harmful; expressing refusal
22. 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
23. He is familiar with \_\_\_\_\_ and biology.  
*n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
24. The teacher used a \_\_\_\_\_ to measure the progress of her students.  
*n.* a standard or reference point used for comparison or evaluation; a point of reference for measuring progress or performance

ANSWERS: 17. operate, 18. countdown, 19. manufactured, 20. gecko, 21. negative, 22. planet, 23. chemistry, 24. benchmark

25. 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
26. I always carry a backup \_\_\_\_\_ in case my phone runs out of battery.
- n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
27. At this ceremony, We will \_\_\_\_\_ allegiance to the country's flag.
- v.* to make a formal promise to give or do something
28. He \_\_\_\_\_ hypotheses that no mathematician has ever imagined before.
- v.* to build or create something; to assemble or combine different parts to form something whole
29. You'll need some solid \_\_\_\_\_ to repair that chair.
- n.* a sticky substance used to hold things together
30. The construction team set up an \_\_\_\_\_ office to manage the building project.
- adj.* located, situated, or taking place at the same site or place as another specified activity or event; at the location where work or a project is being done or where a service is being provided
31. The equipment is frequently used to \_\_\_\_\_ and distribute drinking water.
- v.* to remove harmful substances from something and increase the concentration of it
32. The unique style of this martial arts \_\_\_\_\_ many action film producers.
- v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

ANSWERS: 25. rainwater, 26. device, 27. pledge, 28. constructs, 29. adhesive, 30. on-site, 31. purify, 32. inspired

33. Every human is responsible for taking care of the Earth's \_\_\_\_\_.
- n.* the natural world such as air, water, and land in which humans, animals, and plants live
34. The vegetarian burger was an \_\_\_\_\_ that quickly spread to the United Kingdom.
- n.* the creation of a new device or process resulting from study and experimentation
35. During the unloading, the container box \_\_\_\_\_ a clicking sound.
- v.* to give off or send out something such as light, heat, sound, gas, etc.
36. The carpenter applied \_\_\_\_\_ to the cabinet joints before nailing them together.
- n.* a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials
37. People have been exploring ways to \_\_\_\_\_ natural forces and resources since ancient times.
- v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
38. We largely \_\_\_\_\_ the circuit board of cell phones because they contain a lot of valuable metals.
- v.* to sort and collect things to process them and produce valuable materials that can be used again
39. Trees absorb \_\_\_\_\_ dioxide and give off oxygen.
- n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

ANSWERS: 33. environment, 34. innovation, 35. emits, 36. glue, 37. harness, 38. recycle, 39. carbon



40. The new president was \_\_\_\_\_ immediately after the national election.
- v. to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
41. \_\_\_\_\_ and weather have an impact on every part of our lifestyles.
- n. the weather in a particular location averaged over some long period
42. The \_\_\_\_\_ will repair my telephone tomorrow morning.
- n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
43. There are five distinct \_\_\_\_\_ at five unique wavelengths.
- n. the act of production or sending out gas, heat, light, etc.
44. Don't \_\_\_\_\_ horses while crossing a stream.
- v. to give something and receive something in trade

ANSWERS: 40. installed, 41. Climate, 42. engineer, 43. emissions, 44. swap