

# Englist.me



## Vocabulary Builder Reference from...

*Manu Prakash: Lifesaving scientific tools made of paper | TED Talk*

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### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### supersede

*v.* to replace or be replaced by something else, particularly something newer, better, or more effective; to supplant or take over the place or function of another

*synonym* : replace, override, displace

(1) **supersede** an old method, (2) **supersede** a tradition

The new technology will **supersede** the old one in no time.

### phenomenal

*adj.* extremely good or impressive; outstanding

*synonym* : extraordinary, remarkable, impressive

(1) **phenomenal** success, (2) **phenomenal** growth

The athlete's **phenomenal** performance broke all previous records.

### mosquito

*n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

*synonym* : insect, bug, flea

(1) **mosquito** bite, (2) **mosquito** repellent

A stagnant water area are breeding ground for **mosquitos**.

### dengue

*n.* a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash

*synonym* : breakbone fever, infectious tropical disease

(1) **dengue** mosquito, (2) **dengue** outbreak

Many people in this region have contracted **dengue** fever from mosquito bites.

## larva

*n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

*synonym* : caterpillar, grub, maggot

(1) **larva** of a butterfly, (2) a moth **larva**

The butterfly emerged from its **larva** stage.

## glitter

*v.* to shine with bright, sparkling light; to reflect light in a way that sparkles and shines

*synonym* : sparkle, glisten, shine

(1) **glitter** against her skin, (2) **glitter** in her eyes

Her dress **glittered** in the sunlight as she walked down the street.

## crystalline

*adj.* resembling crystal in clarity, transparency, or brilliance; having a highly ordered and symmetrical molecular structure

*synonym* : crystallized, clear, transparent

(1) **crystalline** structure, (2) **crystalline** water

The geologist found a beautiful specimen of a **crystalline** mineral.

## flea

*n.* a small, agile, wingless, and parasitic insect that feeds on the blood of mammals and birds

*synonym* : pulex, siphonaptera, biter

(1) local **flea** market, (2) **flea** infestation

The **flea-borne** disease caused a severe outbreak in the city.

## centimeter

*n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

(1) **centimeter** measurement, (2) thirty **centimeters** tall

The room was only one **centimeter** wider than the piano,

making it a tight fit.

## anomaly

*n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand

*synonym*: abnormality, irregularity, deviation

(1) **anomaly** detection, (2) global temperature **anomaly**

The sudden drop in the stock market was an **anomaly** that puzzled many investors.

## frugal

*adj.* characterized by being sparing or economical about money or resources; avoiding waste or luxury

*synonym*: economical, thrifty, sparing

(1) live a **frugal** lifestyle, (2) a **frugal** meal

My grandparents were always **frugal** with their money, even when they had plenty of it.

## electrify

*v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

*synonym*: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

## schistosomiasis

*n.* a parasitic disease caused by a type of flatworm (schistosome) that inhabits the blood vessels of certain organs, typically the intestines or urinary system, causing inflammation, pain, and other symptoms

*synonym*: snail fever, bilharzia, schisto

(1) **schistosomiasis** outbreak, (2) prevent **schistosomiasis** infection

Untreated **schistosomiasis** can lead to chronic health problems, including liver damage and an increased risk of bladder cancer.

## centrifuge

*n.* a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids

*synonym*: separator, extractor, spinner

(1) **centrifuge** tube, (2) ultra-high-speed **centrifuges**

The laboratory technician placed the blood samples in the **centrifuge** to separate the different components.

## pinnacle

*n.* the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success

*synonym*: summit, peak, apex

(1) architectural **pinnacle**, (2) reached the **pinnacle**

Climbing to the **pinnacle** of the mountain is a challenge that many outdoor enthusiasts strive to achieve.

## pathogen

*n.* a bacterium, virus, or other microorganism that causes disease

*synonym*: germ, microbe, bacterium

(1) plant **pathogen**, (2) the **pathogen** in the air

mRNA vaccines are approved faster because they do not contain inactivated **pathogens**.

## bulky

*adj.* taking up much space or being difficult to move because of its size or weight; large and unwieldy

*synonym*: large, cumbersome, unwieldy

(1) **bulky** material, (2) **bulky** packaging

The **bulky** furniture made it difficult to move around the small room.

## 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.

## whirl

*v.* to spin or turn rapidly; to move or be moved quickly in a circular manner; (noun) a spinning or rotating movement, often rapid or chaotic in nature

*synonym* : spin, rotate, swirl

(1) **whirl** in the washing machine, (2) **whirl** around the dance floor

The leaves began to **whirl** around in the windy weather.

## buzzer

*n.* a device that produces a rapid, high-pitched sound or noise, often used to signal something or draw attention to something

*synonym* : alarm, signal, beeper

(1) door **buzzer**, (2) alarm **buzzer**

She jumped when the harsh **buzzer** noise indicated her laundry was done.

## relic

*n.* an object from a previous era, especially one of historical value

*synonym* : whiff, vestige, antique

(1) historical **relic**, (2) holy **relics**

This bronze sword is a **relic** of ancient times.

## 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.

## resonant

*adj.* tending to reinforce or prolong sound by sympathetic vibration; having a quality that elicits a similar response or feeling

*synonym* : echoing, reverberating, resonating

(1) **resonant** with the sound, (2) **resonant** cavity

The **resonant** frequency of the guitar string was measured with a tuner.

## hertz

*n.* the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic

waves or electronic signals

*synonym* : frequency, cycles per second

(1) audio **hertz**, (2) tera- **hertz** radiation

The human ear can detect sounds with frequencies ranging from 20 to 20,000 **hertz**.

## prick

*v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication

*synonym* : poke, jab, sting

(1) **prick** a balloon, (2) **prick** up her ears

He accidentally **pricked** his finger with the needle.

## lancet

*n.* a sharp, pointed surgical instrument used for making incisions or punctures, typically in medical procedures

*synonym* : scalpel, blade, surgical instrument

(1) **lancet** device, (2) surgical **lancet**

The doctor used a **lancet** for a small incision on the patient's skin.

## capillary

*n.* a tube of small internal diameter; any of the minute tubes that carry blood

(1) a **capillary** tube, (2) **capillary** action

There are many **capillary** vessels in the gills of fish.

## wick

*n.* a narrow strip of material, such as cotton or fiberglass, that is used to draw up oil, wax, or other fluid that is burned in a lamp, candle, or other flame-producing devices; (verb) to absorb or draw up liquid by capillary action

*synonym* : cord, string, taper

(1) cotton **wick**, (2) **wick** moisture

The candle's **wick** burned, signaling it was time to extinguish it.

## enclose

*v.* to surround, as with a fence, wall, or barrier; to put within boundaries; to include

*synonym*: surround, encase, contain

(1) **enclose** a check with a letter, (2) **enclose** area

The walls were **enclosed** to create a private outdoor space.

## anemic

*adj.* relating to or suffering from anemia, a condition marked by a deficiency of red blood cells or hemoglobin, resulting in lower-than-normal levels of oxygen in the body; lacking vitality, energy, or strength

*synonym*: weak, feeble, fragile

(1) **anemic** appearance, (2) **anemic** economy

The company's website had **anemic** traffic, with very few visitors each month.

## parasite

*n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

*synonym*: hitchhiker, leech, saprophyte

(1) blood-sucking **parasite**, (2) **parasite** disease

Tapeworms are **parasites** that live in the intestines of humans and animals.

## multiplex

*n.* a cinema complex with several screens or theaters showing different films at the same time; an electronic device that allows several signals to be transmitted or processed simultaneously through a single channel; (adjective) relating to or consisting of multiple interconnected parts or elements

*synonym*: multiplexer, complex, cinema

(1) **multiplex** telegraphy, (2) **multiplex** DNA analysis

The new **multiplex** cinema has 12 screens showing the latest movies.

## chikungunya

*n.* a viral infection carried by mosquitoes that causes fever and severe joint pain, often accompanied by a rash, headache, muscle pain, and fatigue

*synonym*: dengue fever, zika virus, malaria

(1) **chikungunya** fever, (2) **chikungunya** outbreak  
The **chikungunya** virus is transmitted to humans by mosquitoes.

## entomology

*n.* the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment

*synonym*: insect science, bug study, insectology

(1) **entomology** lab, (2) **entomology** book

The museum offered a guided tour of its **entomology** exhibit featuring various insects.

## flirt

*v.* to talk or behave as if sexually attracted to someone, without serious intentions; (noun) a seductive woman who uses her sex appeal to exploit men

*synonym*: tease

(1) **flirt** with him, (2) **flirt** like a schoolgirl

My husband never **flirts** with other women.

## wingbeat

*n.* the motion or rhythm of a bird's wings while in flight, often used to describe the sound or frequency of the wing flaps

*synonym*: flap, flutter, oscillation

(1) bird **wingbeat**, (2) **wingbeat** frequency

The hummingbird's rapid **wingbeat** allows it to hover in place while collecting nectar from flowers.

## tingle

*v.* to cause a stinging or prickling sensation; (noun) a feeling of slight numbness or a slight prickling or stinging sensation, typically as a result of cold or excitement

*synonym*: feel tickled, itch, prickle

(1) **tingle** up my spine, (2) **tingle** with anticipation

My nerves began to **tingle** before the show started.



## Session 2: Spelling

- |                             |  |
|-----------------------------|--|
| 1. architectural pi_____le  | <i>n.</i> the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success   |
| 2. de___e mosquito          | <i>n.</i> a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash  |
| 3. fl__t like a schoolgirl  | <i>v.</i> to talk or behave as if sexually attracted to someone, without serious intentions; (noun) a seductive woman who uses her sex appeal to exploit men   |
| 4. reached the pi_____le    | <i>n.</i> the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success   |
| 5. sch_____sis outbreak     | <i>n.</i> a parasitic disease caused by a type of flatworm (schistosome) that inhabits the blood vessels of certain organs, typically the intestines or urinary system, causing inflammation, pain, and other symptoms |
| 6. an_____y detection       | <i>n.</i> something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand  |
| 7. the pa_____en in the air | <i>n.</i> a bacterium, virus, or other microorganism that causes disease   |

ANSWERS: 1. pinnacle, 2. dengue, 3. flirt, 4. pinnacle, 5. schistosomiasis, 6. anomaly, 7. pathogen

8. gl\_\_\_\_r in her eyes      *v.* to shine with bright, sparkling light; to reflect light in a way that sparkles and shines
9. ti\_\_\_e with anticipation      *v.* to cause a stinging or prickling sensation; (noun) a feeling of slight numbness or a slight prickling or stinging sensation, typically as a result of cold or excitement
10. ex\_\_\_e the crowd      *v.* to make someone feel suddenly enthusiastic or eager
11. thirty cen\_\_\_\_\_ers tall      *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
12. a ca\_\_\_\_\_ry tube      *n.* a tube of small internal diameter; any of the minute tubes that carry blood
13. alarm bu\_\_\_\_r      *n.* a device that produces a rapid, high-pitched sound or noise, often used to signal something or draw attention to something
14. re\_\_\_\_\_nt with the sound      *adj.* tending to reinforce or prolong sound by sympathetic vibration; having a quality that elicits a similar response or feeling
15. a fr\_\_\_l meal      *adj.* characterized by being sparing or economical about money or resources; avoiding waste or luxury
16. en\_\_\_\_\_e a check with a letter      *v.* to surround, as with a fence, wall, or barrier; to put within boundaries; to include
17. plant pa\_\_\_\_\_en      *n.* a bacterium, virus, or other microorganism that causes disease

ANSWERS: 8. glitter, 9. tingle, 10. excite, 11. centimeter, 12. capillary, 13. buzzer, 14. resonant, 15. frugal, 16. enclose, 17. pathogen

18. re\_\_\_\_nt cavity *adj.* tending to reinforce or prolong sound by sympathetic vibration; having a quality that elicits a similar response or feeling
19. wh\_\_l in the washing machine *v.* to spin or turn rapidly; to move or be moved quickly in a circular manner; (noun) a spinning or rotating movement, often rapid or chaotic in nature
20. ent\_\_\_\_\_gy book *n.* the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment
21. cry\_\_\_\_\_ne water *adj.* resembling crystal in clarity, transparency, or brilliance; having a highly ordered and symmetrical molecular structure
22. gl\_\_\_\_r against her skin *v.* to shine with bright, sparkling light; to reflect light in a way that sparkles and shines
23. fl\_\_t with him *v.* to talk or behave as if sexually attracted to someone, without serious intentions; (noun) a seductive woman who uses her sex appeal to exploit men
24. de\_\_\_e outbreak *n.* a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash
25. an\_\_\_c appearance *adj.* relating to or suffering from anemia, a condition marked by a deficiency of red blood cells or hemoglobin, resulting in lower-than-normal levels of oxygen in the body; lacking vitality, energy, or strength

ANSWERS: 18. resonant, 19. whirl, 20. entomology, 21. crystalline, 22. glitter, 23. flirt, 24. dengue, 25. anemic

26. mo\_\_\_\_\_to repellent *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
27. prevent sch\_\_\_\_\_sis infection *n.* a parasitic disease caused by a type of flatworm (schistosome) that inhabits the blood vessels of certain organs, typically the intestines or urinary system, causing inflammation, pain, and other symptoms
28. historical re\_\_c *n.* an object from a previous era, especially one of historical value
29. chi\_\_\_\_\_ya outbreak *n.* a viral infection carried by mosquitoes that causes fever and severe joint pain, often accompanied by a rash, headache, muscle pain, and fatigue
30. tera-he\_\_z radiation *n.* the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic waves or electronic signals
31. su\_\_\_\_\_de a tradition *v.* to replace or be replaced by something else, particularly something newer, better, or more effective; to supplant or take over the place or function of another
32. ultra-high-speed cen\_\_\_\_\_ges *n.* a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids

ANSWERS: 26. mosquito, 27. schistosomiasis, 28. relic, 29. chikungunya, 30. hertz, 31. supersede, 32. centrifuge

33. el\_\_\_\_\_fy the audience      *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
34. la\_\_a of a butterfly      *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
35. pr\_\_k a balloon      *v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication
36. chi\_\_\_\_\_ya fever      *n.* a viral infection carried by mosquitoes that causes fever and severe joint pain, often accompanied by a rash, headache, muscle pain, and fatigue
37. phe\_\_\_\_\_al growth      *adj.* extremely good or impressive; outstanding
38. cen\_\_\_\_\_er measurement      *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
39. pr\_\_k up her ears      *v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication
40. st\_\_\_\_\_e through life      *v.* to miss a step and fall or nearly fall; to walk unsteadily
41. surgical la\_\_\_\_t      *n.* a sharp, pointed surgical instrument used for making incisions or punctures, typically in medical procedures

ANSWERS: 33. electrify, 34. larva, 35. prick, 36. chikungunya, 37. phenomenal, 38. centimeter, 39. prick, 40. stumble, 41. lancet

42. mo\_\_\_\_\_to bite *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
43. door bu\_\_\_\_r *n.* a device that produces a rapid, high-pitched sound or noise, often used to signal something or draw attention to something
44. cotton w\_\_k *n.* a narrow strip of material, such as cotton or fiberglass, that is used to draw up oil, wax, or other fluid that is burned in a lamp, candle, or other flame-producing devices; (verb) to absorb or draw up liquid by capillary action
45. en\_\_\_\_\_e area *v.* to surround, as with a fence, wall, or barrier; to put within boundaries; to include
46. live a fr\_\_\_\_l lifestyle *adj.* characterized by being sparing or economical about money or resources; avoiding waste or luxury
47. bu\_\_y packaging *adj.* taking up much space or being difficult to move because of its size or weight; large and unwieldy
48. f\_\_a infestation *n.* a small, agile, wingless, and parasitic insect that feeds on the blood of mammals and birds
49. holy re\_\_cs *n.* an object from a previous era, especially one of historical value
50. ent\_\_\_\_\_gy lab *n.* the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment

ANSWERS: 42. mosquito, 43. buzzer, 44. wick, 45. enclose, 46. frugal, 47. bulky, 48. flea, 49. relic, 50. entomology

51. ex\_\_\_e rebellion *v.* to make someone feel suddenly enthusiastic or eager
52. mu\_\_\_\_\_ex telegraphy *n.* a cinema complex with several screens or theaters showing different films at the same time; an electronic device that allows several signals to be transmitted or processed simultaneously through a single channel; (adjective) relating to or consisting of multiple interconnected parts or elements
53. ca\_\_\_\_\_ry action *n.* a tube of small internal diameter; any of the minute tubes that carry blood
54. cen\_\_\_\_\_ge tube *n.* a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids
55. cry\_\_\_\_\_ne structure *adj.* resembling crystal in clarity, transparency, or brilliance; having a highly ordered and symmetrical molecular structure
56. w\_\_k moisture *n.* a narrow strip of material, such as cotton or fiberglass, that is used to draw up oil, wax, or other fluid that is burned in a lamp, candle, or other flame-producing devices; (verb) to absorb or draw up liquid by capillary action

ANSWERS: 51. excite, 52. multiplex, 53. capillary, 54. centrifuge, 55. crystalline, 56. wick

57. phe\_\_\_\_\_al success *adj.* extremely good or impressive; outstanding
58. blood-sucking pa\_\_\_\_\_te *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
59. bu\_\_y material *adj.* taking up much space or being difficult to move because of its size or weight; large and unwieldy
60. bird wi\_\_\_\_\_at *n.* the motion or rhythm of a bird's wings while in flight, often used to describe the sound or frequency of the wing flaps
61. el\_\_\_\_\_fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
62. global temperature an\_\_\_\_\_y *n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand
63. la\_\_\_\_t device *n.* a sharp, pointed surgical instrument used for making incisions or punctures, typically in medical procedures
64. a moth la\_\_a *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
65. an\_\_\_\_c economy *adj.* relating to or suffering from anemia, a condition marked by a deficiency of red blood cells or hemoglobin, resulting in lower-than-normal levels of oxygen in the body; lacking vitality, energy, or strength

ANSWERS: 57. phenomenal, 58. parasite, 59. bulky, 60. wingbeat, 61. electrify, 62. anomaly, 63. lancet, 64. larva, 65. anemic



66. mu\_\_\_\_\_ex DNA analysis *n.* a cinema complex with several screens or theaters showing different films at the same time; an electronic device that allows several signals to be transmitted or processed simultaneously through a single channel; (adjective) relating to or consisting of multiple interconnected parts or elements
67. pa\_\_\_\_\_te disease *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
68. st\_\_\_\_\_e financially *v.* to miss a step and fall or nearly fall; to walk unsteadily
69. local f\_\_a market *n.* a small, agile, wingless, and parasitic insect that feeds on the blood of mammals and birds
70. ti\_\_\_\_\_e up my spine *v.* to cause a stinging or prickling sensation; (noun) a feeling of slight numbness or a slight prickling or stinging sensation, typically as a result of cold or excitement
71. su\_\_\_\_\_de an old method *v.* to replace or be replaced by something else, particularly something newer, better, or more effective; to supplant or take over the place or function of another
72. wi\_\_\_\_\_at frequency *n.* the motion or rhythm of a bird's wings while in flight, often used to describe the sound or frequency of the wing flaps
73. audio he\_\_z *n.* the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic waves or electronic signals

ANSWERS: 66. multiplex, 67. parasite, 68. stumble, 69. flea, 70. tingle, 71. supersede, 72. wingbeat, 73. hertz

74. wh\_\_l around the dance floor

v. to spin or turn rapidly; to move or be moved quickly in a circular manner;  
(noun) a spinning or rotating movement, often rapid or chaotic in nature

ANSWERS: 74. whirl

## Session 3: Fill in the Blanks

1. The leaves began to \_\_\_\_\_ around in the windy weather.
  - v. to spin or turn rapidly; to move or be moved quickly in a circular manner; (noun) a spinning or rotating movement, often rapid or chaotic in nature
  
2. The museum offered a guided tour of its \_\_\_\_\_ exhibit featuring various insects.
  - n. the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment
  
3. My husband never \_\_\_\_\_ with other women.
  - v. to talk or behave as if sexually attracted to someone, without serious intentions; (noun) a seductive woman who uses her sex appeal to exploit men
  
4. The walls were \_\_\_\_\_ to create a private outdoor space.
  - v. to surround, as with a fence, wall, or barrier; to put within boundaries; to include
  
5. She jumped when the harsh \_\_\_\_\_ noise indicated her laundry was done.
  - n. a device that produces a rapid, high-pitched sound or noise, often used to signal something or draw attention to something
  
6. Tapeworms are \_\_\_\_\_ that live in the intestines of humans and animals.
  - n. an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
  
7. The hummingbird's rapid \_\_\_\_\_ allows it to hover in place while collecting nectar from flowers.
  - n. the motion or rhythm of a bird's wings while in flight, often used to describe the sound or frequency of the wing flaps

ANSWERS: 1. whirl, 2. entomology, 3. flirts, 4. enclosed, 5. buzzer, 6. parasites, 7. wingbeat

8. The geologist found a beautiful specimen of a \_\_\_\_\_ mineral.  
*adj.* resembling crystal in clarity, transparency, or brilliance; having a highly ordered and symmetrical molecular structure
9. This bronze sword is a \_\_\_\_\_ of ancient times.  
*n.* an object from a previous era, especially one of historical value
10. Many people in this region have contracted \_\_\_\_\_ fever from mosquito bites.  
*n.* a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash
11. The new technology will \_\_\_\_\_ the old one in no time.  
*v.* to replace or be replaced by something else, particularly something newer, better, or more effective; to supplant or take over the place or function of another
12. My grandparents were always \_\_\_\_\_ with their money, even when they had plenty of it.  
*adj.* characterized by being sparing or economical about money or resources; avoiding waste or luxury
13. The butterfly emerged from its \_\_\_\_\_ stage.  
*n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
14. The sudden drop in the stock market was an \_\_\_\_\_ that puzzled many investors.  
*n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand

ANSWERS: 8. crystalline, 9. relic, 10. dengue, 11. supersede, 12. frugal, 13. larva, 14. anomaly

15. The \_\_\_\_\_ disease caused a severe outbreak in the city.
- n.* a small, agile, wingless, and parasitic insect that feeds on the blood of mammals and birds
16. She \_\_\_\_\_ over the tree root.
- v.* to miss a step and fall or nearly fall; to walk unsteadily
17. The company's website had \_\_\_\_\_ traffic, with very few visitors each month.
- adj.* relating to or suffering from anemia, a condition marked by a deficiency of red blood cells or hemoglobin, resulting in lower-than-normal levels of oxygen in the body; lacking vitality, energy, or strength
18. The \_\_\_\_\_ furniture made it difficult to move around the small room.
- adj.* taking up much space or being difficult to move because of its size or weight; large and unwieldy
19. A stagnant water area are breeding ground for \_\_\_\_\_.
- n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
20. The laboratory technician placed the blood samples in the \_\_\_\_\_ to separate the different components.
- n.* a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids
21. The candle's \_\_\_\_\_ burned, signaling it was time to extinguish it.
- n.* a narrow strip of material, such as cotton or fiberglass, that is used to draw up oil, wax, or other fluid that is burned in a lamp, candle, or other flame-producing devices; (verb) to absorb or draw up liquid by capillary action

ANSWERS: 15. flea-borne, 16. stumbled, 17. anemic, 18. bulky, 19. mosquitos, 20. centrifuge, 21. wick

22. Untreated \_\_\_\_\_ can lead to chronic health problems, including liver damage and an increased risk of bladder cancer.
- n.* a parasitic disease caused by a type of flatworm (schistosome) that inhabits the blood vessels of certain organs, typically the intestines or urinary system, causing inflammation, pain, and other symptoms
23. Climbing to the \_\_\_\_\_ of the mountain is a challenge that many outdoor enthusiasts strive to achieve.
- n.* the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success
24. My nerves began to \_\_\_\_\_ before the show started.
- v.* to cause a stinging or prickling sensation; (noun) a feeling of slight numbness or a slight prickling or stinging sensation, typically as a result of cold or excitement
25. The human ear can detect sounds with frequencies ranging from 20 to 20,000 \_\_\_\_\_.
- n.* the unit of frequency, equal to one cycle per second, often used to describe the frequency of electromagnetic waves or electronic signals
26. He accidentally \_\_\_\_\_ his finger with the needle.
- v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication
27. The news of her promotion \_\_\_\_\_ her.
- v.* to make someone feel suddenly enthusiastic or eager
28. There are many \_\_\_\_\_ vessels in the gills of fish.
- n.* a tube of small internal diameter; any of the minute tubes that carry blood

ANSWERS: 22. schistosomiasis, 23. pinnacle, 24. tingle, 25. hertz, 26. pricked, 27. excited, 28. capillary

29. The \_\_\_\_\_ virus is transmitted to humans by mosquitoes.
- n.* a viral infection carried by mosquitoes that causes fever and severe joint pain, often accompanied by a rash, headache, muscle pain, and fatigue
30. The new \_\_\_\_\_ cinema has 12 screens showing the latest movies.
- n.* a cinema complex with several screens or theaters showing different films at the same time; an electronic device that allows several signals to be transmitted or processed simultaneously through a single channel; (adjective) relating to or consisting of multiple interconnected parts or elements
31. The doctor used a \_\_\_\_\_ for a small incision on the patient's skin.
- n.* a sharp, pointed surgical instrument used for making incisions or punctures, typically in medical procedures
32. The \_\_\_\_\_ frequency of the guitar string was measured with a tuner.
- adj.* tending to reinforce or prolong sound by sympathetic vibration; having a quality that elicits a similar response or feeling
33. The athlete's \_\_\_\_\_ performance broke all previous records.
- adj.* extremely good or impressive; outstanding
34. The room was only one \_\_\_\_\_ wider than the piano, making it a tight fit.
- n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
35. The product developed through years of research continues to \_\_\_\_\_ the market.
- v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 29. chikungunya, 30. multiplex, 31. lancet, 32. resonant, 33. phenomenal, 34. centimeter, 35. electrify

36. Her dress \_\_\_\_\_ in the sunlight as she walked down the street.
- v. to shine with bright, sparkling light; to reflect light in a way that sparkles and shines
37. mRNA vaccines are approved faster because they do not contain inactivated \_\_\_\_\_.
- n. a bacterium, virus, or other microorganism that causes disease

ANSWERS: 36. glittered, 37. pathogens