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Vocabulary Builder Reference from...

Bill Shribman: What cameras see that our eyes don't | TED Talk

https://www.ted.com/talks/bill_shribman_what_cameras_see_that_our_eyes_don_t

All Words

IMPORTANT

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Session 1: Word List

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.

pixel

n. the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

synonym: dot, point, picture element

(1) **pixel** density, (2) color **pixels**

The computer screen comprises thousands of tiny **pixels** that create the overall picture.

communicate

v. to share or exchange information with others by speaking, writing, moving your body, or using other signals

synonym: convey, share, transmit

(1) **communicate** his anxieties to the psychiatrist,

(2) **communicate** well with my advisor

Dolphins use sound to **communicate** with each other.

brain

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

synonym: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

wreck

n. a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident

synonym: collapse, destruction, devastation

(1) the house was a **wreck**, (2) a worthless **wreck**

The divers accidentally discovered a **wreck** on the ocean floor.

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.

gallop

v. (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly

synonym: canter, race, bound

(1) **gallop** a horse, (2) **gallop** off at top speed

The horse **galloped** across the field at a fast pace.

moving

adj. causing strong emotions or feelings, especially sadness or sympathy

synonym: emotional, poignant, touching

(1) **moving** experience, (2) **moving** ceremony

His **moving** speech about his struggles with addiction brought tears to the audience's eyes.

hoof

n. the horny part of the foot of some mammals, such as horses, deer, and cattle

synonym: foot, paw

(1) **hoof** mark, (2) clean **hoof**

The horse's **hoof** was injured and needed to be treated by a

veterinarian.

simultaneously

adv. at the same time

synonym : concurrently, coincidentally, together

(1) **simultaneously** affected, (2) take several inputs

simultaneously

Two students answered the teacher's question

simultaneously.

photograph

n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

synonym : photo, picture, snapshot

(1) **photograph** album, (2) **photograph** memories

I found an old **photograph** of my grandparents from their wedding day.

mystery

n. something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

synonym : enigma, puzzle, secret

(1) **mystery** novel, (2) unsolved **mystery**

The **mystery** surrounding the disappearance of the traveler has yet to be solved by authorities.

aspect

n. one part or feature of a situation, problem, subject, etc.

synonym : characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

mathematics

n. the science dealing with the logic of quantities, shapes, spaces, and arrangement

synonym : arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for **mathematics**.

enhance

v. to increase or improve the quality, amount, or strength of someone or something

synonym: improve, enrich, refine

(1) **enhance** value, (2) **enhance** the flavor of the vanilla

The new strategy will **enhance** the profitability of our company.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym: procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

movement

n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

synonym: motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

botany

n. the scientific study of plants

synonym: phytology, vegetation, horticulture

(1) **botany** professor, (2) geographical **botany**

The study of **botany** can also include the study of plant fossils and the history of plant evolution.

tropism

n. the turning or bending movement of an organism or part in response to an external stimulus, such as light or gravity; a growth or response toward or away from a stimulus

synonym : response, reaction, inclination

(1) negative photo **tropism**, (2) **tropism** for bone

Understanding the cellular **tropism** of HIV helps researchers develop targeted treatments.

twist

v. to bend or turn something into a certain shape

synonym : wrench, turn, twirl

(1) **twist** around to the left, (2) **twist** a wet towel

He **twisted** pieces of rope out of straw.

whip

v. to hit a person or an animal severely with a thin, flexible stick with a cord or leather thong at the end, as a punishment, discipline, etc.

synonym : thrash, flog, scourge

(1) **whip** egg whites, (2) **whip** into shape

The jockey **whipped** the horse hard to take first place.

crack

v. to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

synonym : snap, burst, break

(1) **crack** an eggshell, (2) a **crack** in a board

He that would eat the kernel must **crack** the nut.

barrier

n. a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

synonym : border, barricade, fence

(1) cost **barrier**, (2) information **barrier**

The police placed a **barrier** across the street to halt traffic.

meteorology

n. the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions

(1) agricultural **meteorology**, (2) marine **meteorology**
He conducted his research at the **meteorology** laboratory using large-scale computing.

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**.

hurricane

n. a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)
synonym: cyclone, typhoon, storm

(1) a **hurricane** of applause, (2) the ravages of a **hurricane**
The devastating **hurricane** caused widespread damage and left many people homeless.

recession

n. a period of economic decline, typically lasting for six months or more, during which trade and industrial activity decrease, and unemployment increases
synonym: downturn, slump, contraction

(1) **recession** period, (2) recover from a **recession**
The country is facing a **recession**, with high unemployment and low GDP.

glacier

n. a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
synonym: iceberg, ice floe

(1) **glacier** retreat, (2) **glaciers** move tardily
The **glaciers** of the ice age have shaped Fjord.

slow-motion

n. an effect in film-making whereby time appears to be slowed down
synonym: turtle's pace, slow-mo

(1) **slow-motion** movie, (2) frame-by-frame **slow-motion**

Baseball umpires often overturn decisions with **slow-motion** replay.

hummingbird

n. a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction

(1) **hummingbird** feeder, (2) **hummingbird** nest

Watching a **hummingbird** at a flower is like observing a miniature ballet of nature.

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.

cadaver

n. a dead body, especially one used for scientific study or medical research

synonym: corpse, body, remains

(1) **cadaver** lab, (2) **cadaver** donor

The hospital received a donation of **cadavers** for their research program.

slice

n. a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting

synonym: piece, portion, slit

(1) a **slice** of the company's revenue, (2) **slice** a tomato thin

The children complained because one **slice** of cake was slightly larger than the other.

wafer

n. a thin, flat, crisp biscuit or cake, often used as a communion element in religious services; a thin slice or piece of semiconductor material used in the production of computer chips and other electronic devices

synonym: thin cake, biscuit, disk

(1) strawberry **wafer**, (2) **wafer** cleaning system

The solar panel uses high-quality silicon **wafers** to convert

sunlight into electricity efficiently.

disk

n. a flat, circular plate, typically made of metal, glass, or plastic, used for storing data or playing music

synonym : record, platter, plate

(1) **disk** drive, (2) **disk** space

The computer's hard **disk** was full, so she had to delete some files.

animate

v. to make something full of interest and energy

synonym : invigorate, energize, enliven

(1) **animate** the body, (2) **animate** his soul

The positive attitude of the supervisor **animated** the discussion.

skeleton

n. the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant

synonym : bones, frame, structure

(1) the steel **skeleton** of a building, (2) **skeleton** hand
Scientists studied the ancient **skeleton** to learn more about the creature's anatomy.

flesh

n. the soft substance composing the body of a person or animal, as opposed to bones and other structures

synonym : meat, muscle, tissue

(1) grow in **flesh**, (2) **flesh** eating

The **flesh** of the fruit is sweet and juicy.

vein

n. a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

synonym : artery, blood vessel, capillary

(1) spider **vein**, (2) collapsed **vein**

The nurse inserted the needle into the **vein** in his arm to draw blood.

observe

- v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

synonym: watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

germinate

- v. to begin to grow or develop, typically as a seed sprouts

synonym: sprout, grow, develop

(1) days to **germinate**, (2) **germinate** the idea

The seeds **germinated** quickly in the warm soil.

Session 2: Spelling

1. sl__e a tomato thin *n.* a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting
2. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
3. a n__t piece of work *adj.* clean or tidy, with everything in its place
4. ca____r lab *n.* a dead body, especially one used for scientific study or medical research
5. 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
6. the ravages of a hu_____ne *n.* a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)
7. mo___g ceremony *adj.* causing strong emotions or feelings, especially sadness or sympathy
8. sk_____on hand *n.* the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant
9. hum_____rd nest *n.* a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction

ANSWERS: 1. slice, 2. brain, 3. neat, 4. cadaver, 5. planet, 6. hurricane, 7. moving, 8. skeleton, 9. hummingbird

10. bo___y professor *n.* the scientific study of plants
11. ob_____e wildlife *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
12. marine met_____gy *n.* the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions
13. recover from a re_____on *n.* a period of economic decline, typically lasting for six months or more, during which trade and industrial activity decrease, and unemployment increases
14. sim_____sly affected *adv.* at the same time
15. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
16. unsolved my_____y *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
17. information ba_____r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
18. negative phototr_____m *n.* the turning or bending movement of an organism or part in response to an external stimulus, such as light or gravity; a growth or response toward or away from a stimulus

ANSWERS: 10. botany, 11. observe, 12. meteorology, 13. recession, 14. simultaneously, 15. brain, 16. mystery, 17. barrier, 18. tropism

19. clean h__f *n.* the horny part of the foot of some mammals, such as horses, deer, and cattle
20. w__p into shape *v.* to hit a person or an animal severely with a thin, flexible stick with a cord or leather thong at the end, as a punishment, discipline, etc.
21. agricultural met_____gy *n.* the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions
22. collapsed v__n *n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation
23. h__f mark *n.* the horny part of the foot of some mammals, such as horses, deer, and cattle
24. bu___t train *n.* a metal projectile that is shot from a gun
25. a sl__e of the company's revenue *n.* a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting
26. ca_____r donor *n.* a dead body, especially one used for scientific study or medical research
27. ob_____e a tradition *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

ANSWERS: 19. hoof, 20. whip, 21. meteorology, 22. vein, 23. hoof, 24. bullet, 25. slice, 26. cadaver, 27. observe

28. a circular mo____nt
n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
29. n__t idea
adj. clean or tidy, with everything in its place
30. mo____nt of troops
n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
31. strawberry wa__r
n. a thin, flat, crisp biscuit or cake, often used as a communion element in religious services; a thin slice or piece of semiconductor material used in the production of computer chips and other electronic devices
32. days to ge_____te
v. to begin to grow or develop, typically as a seed sprouts
33. pho_____ph memories
n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
34. fl__h eating
n. the soft substance composing the body of a person or animal, as opposed to bones and other structures
35. ge_____te the idea
v. to begin to grow or develop, typically as a seed sprouts

ANSWERS: 28. movement, 29. neat, 30. movement, 31. wafer, 32. germinate, 33. photograph, 34. flesh, 35. germinate

36. bu__t wound *n.* a metal projectile that is shot from a gun
37. spider v__n *n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation
38. slo_____on movie *n.* an effect in film-making whereby time appears to be slowed down
39. en_____e value *v.* to increase or improve the quality, amount, or strength of someone or something
40. 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
41. the steel sk_____on of a building *n.* the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant
42. a cr__k in a board *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
43. com_____te his anxieties to the psychiatrist *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
44. wa__r cleaning system *n.* a thin, flat, crisp biscuit or cake, often used as a communion element in religious services; a thin slice or piece of semiconductor material used in the production of computer chips and other electronic devices

ANSWERS: 36. bullet, 37. vein, 38. slow-motion, 39. enhance, 40. planet, 41. skeleton, 42. crack, 43. communicate, 44. wafer

45. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
46. grow in fl__h *n.* the soft substance composing the body of a person or animal, as opposed to bones and other structures
47. ga___p a horse *v.* (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly
48. geographical bo___y *n.* the scientific study of plants
49. d__k drive *n.* a flat, circular plate, typically made of metal, glass, or plastic, used for storing data or playing music
50. nontechnical as___ts of the job *n.* one part or feature of a situation, problem, subject, etc.
51. a worthless wr__k *n.* a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident
52. pho_____ph album *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
53. com_____te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
54. d__k space *n.* a flat, circular plate, typically made of metal, glass, or plastic, used for storing data or playing music

ANSWERS: 45. environment, 46. flesh, 47. gallop, 48. botany, 49. disk, 50. aspect, 51. wreck, 52. photograph, 53. communicate, 54. disk

55. pr____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
56. mat_____cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
57. en_____e the flavor of the vanilla *v.* to increase or improve the quality, amount, or strength of someone or something
58. cr__k an eggshell *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
59. a hu_____ne of applause *n.* a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)
60. gl_____rs move tardily *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
61. mo___g experience *adj.* causing strong emotions or feelings, especially sadness or sympathy
62. an_____e his soul *v.* to make something full of interest and energy
63. w__p egg whites *v.* to hit a person or an animal severely with a thin, flexible stick with a cord or leather thong at the end, as a punishment, discipline, etc.

ANSWERS: 55. process, 56. mathematics, 57. enhance, 58. crack, 59. hurricane, 60. glacier, 61. moving, 62. animate, 63. whip

64. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
65. as___ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
66. decision-making pr____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
67. a good grounding in mat_____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
68. tw__t a wet towel *v.* to bend or turn something into a certain shape
69. pi__l density *n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
70. an_____e the body *v.* to make something full of interest and energy
71. frame-by-frame slo_____on *n.* an effect in film-making whereby time appears to be slowed down
72. tr_____m for bone *n.* the turning or bending movement of an organism or part in response to an external stimulus, such as light or gravity; a growth or response toward or away from a stimulus

ANSWERS: 64. environment, 65. aspect, 66. process, 67. mathematics, 68. twist, 69. pixel, 70. animate, 71. slow-motion, 72. tropism

73. the house was a wr__k *n.* a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident
74. cost ba____r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
75. ga___p off at top speed *v.* (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly
76. take several inputs sim_____sly *adv.* at the same time
77. hum_____rd feeder *n.* a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction
78. re_____on period *n.* a period of economic decline, typically lasting for six months or more, during which trade and industrial activity decrease, and unemployment increases
79. color pi__ls *n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
80. my_____y novel *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

ANSWERS: 73. wreck, 74. barrier, 75. gallop, 76. simultaneously, 77. hummingbird, 78. recession, 79. pixel, 80. mystery

81. tw__t around to the left

v. to bend or turn something into a certain shape

82. gl____r retreat

n. a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

ANSWERS: 81. twist, 82. glacier

Session 3: Fill in the Blanks

1. He conducted his research at the _____ laboratory using large-scale computing.
 - n.* the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions
2. The stray _____ went through the window and hit the wall.
 - n.* a metal projectile that is shot from a gun
3. The _____ of the ice age have shaped Fjord.
 - n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
4. 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
5. It is important to _____ safety procedures in the workplace to prevent accidents.
 - v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
6. The seeds _____ quickly in the warm soil.
 - v.* to begin to grow or develop, typically as a seed sprouts
7. The hospital received a donation of _____ for their research program.
 - n.* a dead body, especially one used for scientific study or medical research

ANSWERS: 1. meteorology, 2. bullet, 3. glaciers, 4. environment, 5. observe, 6. germinated, 7. cadavers

8. The horse's _____ was injured and needed to be treated by a veterinarian.
n. the horny part of the foot of some mammals, such as horses, deer, and cattle
9. Dolphins use sound to _____ with each other.
v. to share or exchange information with others by speaking, writing, moving your body, or using other signals
10. Baseball umpires often overturn decisions with _____ replay.
n. an effect in film-making whereby time appears to be slowed down
11. The jockey _____ the horse hard to take first place.
v. to hit a person or an animal severely with a thin, flexible stick with a cord or leather thong at the end, as a punishment, discipline, etc.
12. She has _____ habits.
adj. clean or tidy, with everything in its place
13. The police placed a _____ across the street to halt traffic.
n. a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
14. Two students answered the teacher's question _____.
adv. at the same time
15. X-rays revealed a small tumor in his _____.
n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling
16. The _____ of the dancers on stage was graceful and elegant.
n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

ANSWERS: 8. hoof, 9. communicate, 10. slow-motion, 11. whipped, 12. neat, 13. barrier, 14. simultaneously, 15. brain, 16. movement

17. The _____ surrounding the disappearance of the traveler has yet to be solved by authorities.
- n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
18. The divers accidentally discovered a _____ on the ocean floor.
- n.* a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident
19. He has a flair for _____.
- n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
20. Understanding the cellular _____ of HIV helps researchers develop targeted treatments.
- n.* the turning or bending movement of an organism or part in response to an external stimulus, such as light or gravity; a growth or response toward or away from a stimulus
21. He _____ pieces of rope out of straw.
- v.* to bend or turn something into a certain shape
22. His professional experience includes all _____ of media production.
- n.* one part or feature of a situation, problem, subject, etc.
23. Scientists studied the ancient _____ to learn more about the creature's anatomy.
- n.* the structure of bones in a human or animal body, or a framework of bones or other material that supports a plant

ANSWERS: 17. mystery, 18. wreck, 19. mathematics, 20. tropism, 21. twisted, 22. aspects, 23. skeleton

24. The devastating _____ caused widespread damage and left many people homeless.
- n.* a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)
25. The new strategy will _____ the profitability of our company.
- v.* to increase or improve the quality, amount, or strength of someone or something
26. The _____ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
27. The nurse inserted the needle into the _____ in his arm to draw blood.
- n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation
28. The country is facing a _____ with high unemployment and low GDP.
- n.* a period of economic decline, typically lasting for six months or more, during which trade and industrial activity decrease, and unemployment increases
29. The horse _____ across the field at a fast pace.
- v.* (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly
30. The solar panel uses high-quality silicon _____ to convert sunlight into electricity efficiently.
- n.* a thin, flat, crisp biscuit or cake, often used as a communion element in religious services; a thin slice or piece of semiconductor material used in the production of computer chips and other electronic devices

ANSWERS: 24. hurricane, 25. enhance, 26. process, 27. vein, 28. recession, 29. galloped, 30. wafers

31. He that would eat the kernel must _____ the nut.
- v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
32. 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
33. The study of _____ can also include the study of plant fossils and the history of plant evolution.
- n.* the scientific study of plants
34. The computer's hard _____ was full, so she had to delete some files.
- n.* a flat, circular plate, typically made of metal, glass, or plastic, used for storing data or playing music
35. His _____ speech about his struggles with addiction brought tears to the audience's eyes.
- adj.* causing strong emotions or feelings, especially sadness or sympathy
36. Watching a _____ at a flower is like observing a miniature ballet of nature.
- n.* a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction
37. I found an old _____ of my grandparents from their wedding day.
- n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

ANSWERS: 31. crack, 32. planet, 33. botany, 34. disk, 35. moving, 36. hummingbird, 37. photograph

38. The positive attitude of the supervisor _____ the discussion.
- v.* to make something full of interest and energy
39. The children complained because one _____ of cake was slightly larger than the other.
- n.* a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting
40. The _____ of the fruit is sweet and juicy.
- n.* the soft substance composing the body of a person or animal, as opposed to bones and other structures
41. The computer screen comprises thousands of tiny _____ that create the overall picture.
- n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

ANSWERS: 38. animated, 39. slice, 40. flesh, 41. pixels