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Vocabulary Builder Reference from...

Gregory Berns: What emotions look like in a dog's brain | TED Talk

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

Advanced Words Only

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Session 1: Word List

Newtonian

adj. relating to Sir Isaac Newton or his laws of motion and universal gravitation

synonym: classical, physics, mechanics

(1) **Newtonian** physics, (2) **Newtonian** mechanics

The motion of planets can be described using **Newtonian** mechanics.

embark

v. to go on board a ship or plane; to set out on an enterprise or subject of study; to start something

synonym: enter, undertake, commence

(1) **embark** on a trip, (2) **embark** on a foolish adventure

We **embarked** on a new project.

infer

v. to form an opinion or conclude that something is true based on existing facts

synonym: guess, deduce, assume

(1) **infer** quality from price, (2) **infer** the possibility

Animal desire and preference are always **inferred** from their behavior.

anthropomorphize

v. to attribute human characteristics, emotions, and abilities to non-human entities

synonym: personify, humanize

(1) **anthropomorphize** animals, (2) **anthropomorphize** God

The children **anthropomorphized** their stuffed animals and gave them personalities.

intrigue

v. to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone

synonym: attract, captivate, charm

(1) **intrigue** him, (2) **intrigue** against his rival

The artist's innovative style of work **intrigues** me.

humane

adj. having or showing compassion, kindness, and sympathy toward others, especially toward those who are suffering

synonym: compassionate, kind, merciful

(1) **humane** treatment, (2) **humane** society

We must ensure that all medical testing on animals is conducted in a **humane** way.

pug

n. a small, sturdy breed of dog with a wrinkled face and a curled tail; a fighter, especially in boxing; (verb) to mix or prepare clay, especially for pottery

synonym: beagle, bulldog, terrier

(1) **pug** dog, (2) playful **pug**

My cute **pug** puppy loves to play with her favorite toy, a squeaky ball.

collie

n. a medium-sized dog breed of Scottish origin, often used as a sheepdog or for herding livestock

(1) **collie** breed, (2) black **collie**

My neighbor's **collie** is very playful and loves to fetch sticks.

narrate

v. to tell a story or give an account of events, often in a chronological or logical sequence; to provide a voiceover or commentary for a film or other media

synonym: tell, recount, describe

(1) **narrate** a news article, (2) **narrate** an event

The audiobook hired a professional actor to **narrate** the story, making it more engaging for listeners.

obedient

adj. willing to do what someone in authority tells you to do

synonym: compliant, submissive, dutiful

(1) grow to be **obedient**, (2) **obedient** dog

The **obedient** dog followed its owner's commands.

trait

n. a particular feature of your nature

synonym: attribute, feature, quality

(1) chemical **trait**, (2) personality **traits**

Multiple genes may influence behavioral **traits** concurrently.

agility

n. the ability to move quickly and easily, often in a way that is graceful and controlled

synonym: nimbleness, quickness, dexterity

(1) ninja-like **agility**, (2) **agility** training

The coach had the team run through the **agility** ladder to improve their coordination.

demonstrative

adj. tending to show one's feelings or emotions openly; serving to demonstrate, explain, or prove something

synonym: ostentatious, expressive, emotional

(1) **demonstrative** evidence, (2) **demonstrative** behavior

The **demonstrative** exhibit showcased the latest advancements in technology.

acclimate

v. to adapt or adjust to a new climate, environment, or situation, often by undergoing a period of exposure or learning

synonym: adjust, adapt, acclimatize

(1) **acclimate** to the climate, (2) **acclimate** to the culture

It takes time for your body to **acclimate** to a new environment.

decibel

n. (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale

synonym : dB, sound level, volume

(1) **decibel** level, (2) adjust the **decibel**

The concert reached 100 **decibels**, causing many people to cover their ears.

jackhammer

n. a powerful mechanical tool used to break up pavement, concrete, or other hard materials, typically used in construction or demolition projects

synonym : pneumatic hammer, hammer drill

(1) handheld **jackhammer**, (2) loud **jackhammer** noise

The operator of the **jackhammer** wears noise-canceling headphones to protect their ears.

sedate

adj. calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity

synonym : calm, composed, tranquil

(1) **sedate** atmosphere, (2) **sedate** patient

The **sedate** environment of the library was perfect for studying.

restrain

v. to prevent or hold back from doing something, often by physical or moral force; to limit or restrict one's actions or behavior; to control or moderate strong emotions or impulses

synonym : restrict, limit, control

(1) **restrain** from violence, (2) **restrain** a child

The police had to **restrain** the suspect after he became violent during the arrest.

muff

n. a tube-shaped garment for keeping the hands warm; a failure or mistake; (verb, of sports) to fail to hold onto the ball

synonym :

mitt, glove, (verb) fumble

(1) **muff** a speech, (2) woolen **muff**

She wore a fur **muff** to keep her hands warm during the winter.

zen *n.* a school of Mahayana Buddhism that originated in China and was later developed in Japan, emphasizing the practice of meditation as the way to achieve enlightenment or awakening; (adjective) characterized by a sense of peace and tranquility, often through the practice of meditation or the use of natural elements

synonym: meditative, peaceful, tranquil

(1) **zen** garden, (2) **zen** meditation

Daily yoga helped her achieve a **zen** state of mind and calmness.

retriever *n.* a dog bred and trained for retrieving game, particularly birds, for hunters; a device or machine designed for retrieving or recovering items that are difficult to reach or obtain

synonym: hunter, hound, beagle

(1) **retriever** dog, (2) data **retriever**

The golden **retriever** was trained as a therapy dog to comfort hospital patients.

plum *n.* a small, sweet fruit with juicy flesh and a hard stone in the middle; a desirable or highly valued object, person, or position

(1) **plum** pudding, (2) **plum** harvest

The farmer proudly displayed his basket of freshly picked **plums** at the market.

cerebellum *n.* the part of the brain at the back of the head that plays an important role in motor control, balance, and coordination

(1) **cerebellum** function, (2) development of **cerebellum**

An injury to the **cerebellum** can cause difficulty with walking,

speaking, and maintaining posture.

brainstem

n. the part of the vertebrate central nervous system that is continuous with the spinal cord and is composed of the medulla oblongata, pons, and midbrain, which controls many automatic functions of the body, such as heartbeat, breathing, and consciousness

synonym : medulla oblongata, pons

(1) **brainstem** function, (2) pontine **brainstem**

A stroke in the **brainstem** can cause paralysis or even death.

headlight

n. a bright forward-facing light on a vehicle, typically used at night to illuminate the road ahead

synonym : headlamp, beam, lamp

(1) **headlight** adjustment, (2) **headlight** switch

My car's **headlight** must be replaced before I drive again at night.

mammal

n. any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body

(1) a primitive **mammal**, (2) a sort of **mammal**

Marine **mammal** populations are declining worldwide due to ocean pollution.

dopamine

n. a chemical substance produced by nerve cells as a neurotransmitter; as a drug, it is used to treat shock and hypotension

(1) **dopamine-inhibiting** agent, (2) antagonism of **dopamine**

The drug controls the level of **dopamine** in the brain.

olfaction

n. the sense of smell; the ability to detect and perceive odors or scents

synonym : smell, scent, aroma

(1) **olfaction** testing, (2) **olfaction** receptors

Some animals have better **olfaction** than humans, enabling

them to detect prey from farther away.

doe *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
synonym: rabbit, bunny, hare
(1) **doe** rabbit, (2) buck and **doe**
Hunters use a whistle that makes the **doe** sound to lure stags.

behaviorism *n.* a psychological approach that emphasizes the study of observable behaviors and the environmental factors that influence them, often without reference to internal mental processes
synonym: conditioning, learning theory, stimulus-response theory
(1) **behaviorism** theory, (2) **behaviorism** approach
Some educators have adopted **behaviorism** techniques to reinforce positive behavior in their classrooms.

elicit *v.* to obtain information or a reaction from someone, usually with difficulty
synonym: bring out, obtain, evoke
(1) **elicit** a confession, (2) **elicit** a solution
Have you **elicited** a response from them yet?

biomarker *n.* a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention
synonym: indicator, measure, signature
(1) diabetes **biomarker**, (2) **biomarker** discovery
The **biomarker** test showed that the patient was responding well to the treatment.

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.

canine

adj. relating to or characteristic of dogs or the dog family;
having qualities that are similar to those of dogs, such
as loyalty or aggressiveness

synonym : laniary, dog-like, doggy

(1) **canine** behavior, (2) **canine** teeth

The veterinarian recommended a **canine-friendly** diet for my
dog's health.

domesticate

v. to take control of animals or plants to provide food,
power, or company

synonym : tame, naturalize, cultivate

(1) easy to **domesticate**, (2) **domesticate** the plant

We **domesticate** cows to gain milk and meat.

Session 2: Spelling

- | | |
|----------------------------------|--|
| 1. p__m harvest | <i>n.</i> a small, sweet fruit with juicy flesh and a hard stone in the middle; a desirable or highly valued object, person, or position |
| 2. ol_____on testing | <i>n.</i> the sense of smell; the ability to detect and perceive odors or scents |
| 3. re_____in from violence | <i>v.</i> to prevent or hold back from doing something, often by physical or moral force; to limit or restrict one's actions or behavior; to control or moderate strong emotions or impulses |
| 4. ex___e rebellion | <i>v.</i> to make someone feel suddenly enthusiastic or eager |
| 5. beh_____sm approach | <i>n.</i> a psychological approach that emphasizes the study of observable behaviors and the environmental factors that influence them, often without reference to internal mental processes |
| 6. development of cer_____um | <i>n.</i> the part of the brain at the back of the head that plays an important role in motor control, balance, and coordination |
| 7. em___k on a foolish adventure | <i>v.</i> to go on board a ship or plane; to set out on an enterprise or subject of study; to start something |
| 8. in_____ue him | <i>v.</i> to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone |

ANSWERS: 1. plum, 2. olfaction, 3. restrain, 4. excite, 5. behaviorism, 6. cerebellum, 7. embark, 8. intrigue

9. he_____ht adjustment *n.* a bright forward-facing light on a vehicle, typically used at night to illuminate the road ahead
10. dom_____te the plant *v.* to take control of animals or plants to provide food, power, or company
11. ninja-like ag_____y *n.* the ability to move quickly and easily, often in a way that is graceful and controlled
12. pontine br_____em *n.* the part of the vertebrate central nervous system that is continuous with the spinal cord and is composed of the medulla oblongata, pons, and midbrain, which controls many automatic functions of the body, such as heartbeat, breathing, and consciousness
13. el____t a confession *v.* to obtain information or a reaction from someone, usually with difficulty
14. se____e atmosphere *adj.* calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity
15. re_____er dog *n.* a dog bred and trained for retrieving game, particularly birds, for hunters; a device or machine designed for retrieving or recovering items that are difficult to reach or obtain
16. a sort of ma____l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body

ANSWERS: 9. headlight, 10. domesticate, 11. agility, 12. brainstem, 13. elicit, 14. sedate, 15. retriever, 16. mammal

17. ol_____on receptors *n.* the sense of smell; the ability to detect and perceive odors or scents
18. ac_____te to the culture *v.* to adapt or adjust to a new climate, environment, or situation, often by undergoing a period of exposure or learning
19. grow to be ob_____nt *adj.* willing to do what someone in authority tells you to do
20. he_____ht switch *n.* a bright forward-facing light on a vehicle, typically used at night to illuminate the road ahead
21. bi_____er discovery *n.* a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention
22. Ne_____an physics *adj.* relating to Sir Isaac Newton or his laws of motion and universal gravitation
23. data re_____er *n.* a dog bred and trained for retrieving game, particularly birds, for hunters; a device or machine designed for retrieving or recovering items that are difficult to reach or obtain
24. hu___e treatment *adj.* having or showing compassion, kindness, and sympathy toward others, especially toward those who are suffering
25. em___k on a trip *v.* to go on board a ship or plane; to set out on an enterprise or subject of study; to start something

ANSWERS: 17. olfaction, 18. acclimate, 19. obedient, 20. headlight, 21. biomarker, 22. Newtonian, 23. retriever, 24. humane, 25. embark

26. co___e breed *n.* a medium-sized dog breed of Scottish origin, often used as a sheepdog or for herding livestock
27. p_g dog *n.* a small, sturdy breed of dog with a wrinkled face and a curled tail; a fighter, especially in boxing; (verb) to mix or prepare clay, especially for pottery
28. do_____ne-inhibiting agent *n.* a chemical substance produced by nerve cells as a neurotransmitter; as a drug, it is used to treat shock and hypotension
29. el___t a solution *v.* to obtain information or a reaction from someone, usually with difficulty
30. ant_____ize God *v.* to attribute human characteristics, emotions, and abilities to non-human entities
31. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
32. personality tr__ts *n.* a particular feature of your nature
33. easy to dom_____te *v.* to take control of animals or plants to provide food, power, or company
34. diabetes bi_____er *n.* a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention
35. hu___e society *adj.* having or showing compassion, kindness, and sympathy toward others, especially toward those who are suffering

ANSWERS: 26. collie, 27. pug, 28. dopamine, 29. elicit, 30. anthropomorphize, 31. excite, 32. trait, 33. domesticate, 34. biomarker, 35. humane

36. adjust the de_____l *n.* (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale
37. handheld jac_____er *n.* a powerful mechanical tool used to break up pavement, concrete, or other hard materials, typically used in construction or demolition projects
38. ac_____te to the climate *v.* to adapt or adjust to a new climate, environment, or situation, often by undergoing a period of exposure or learning
39. ca___e behavior *adj.* relating to or characteristic of dogs or the dog family; having qualities that are similar to those of dogs, such as loyalty or aggressiveness
40. na_____e a news article *v.* to tell a story or give an account of events, often in a chronological or logical sequence; to provide a voiceover or commentary for a film or other media
41. re_____in a child *v.* to prevent or hold back from doing something, often by physical or moral force; to limit or restrict one's actions or behavior; to control or moderate strong emotions or impulses
42. ob_____nt dog *adj.* willing to do what someone in authority tells you to do
43. ca___e teeth *adj.* relating to or characteristic of dogs or the dog family; having qualities that are similar to those of dogs, such as loyalty or aggressiveness

ANSWERS: 36. decibel, 37. jackhammer, 38. acclimate, 39. canine, 40. narrate, 41. restrain, 42. obedient, 43. canine

44. buck and d_e *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
45. Ne_____an mechanics *adj.* relating to Sir Isaac Newton or his laws of motion and universal gravitation
46. br_____em function *n.* the part of the vertebrate central nervous system that is continuous with the spinal cord and is composed of the medulla oblongata, pons, and midbrain, which controls many automatic functions of the body, such as heartbeat, breathing, and consciousness
47. chemical tr__t *n.* a particular feature of your nature
48. d_e rabbit *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
49. in__r the possibility *v.* to form an opinion or conclude that something is true based on existing facts
50. in_____ue against his rival *v.* to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone
51. black co___e *n.* a medium-sized dog breed of Scottish origin, often used as a sheepdog or for herding livestock
52. dem_____ive evidence *adj.* tending to show one's feelings or emotions openly; serving to demonstrate, explain, or prove something

ANSWERS: 44. doe, 45. Newtonian, 46. brainstem, 47. trait, 48. doe, 49. infer, 50. intrigue, 51. collie, 52. demonstrative

53. ag____y training *n.* the ability to move quickly and easily, often in a way that is graceful and controlled
54. beh____sm theory *n.* a psychological approach that emphasizes the study of observable behaviors and the environmental factors that influence them, often without reference to internal mental processes
55. in__r quality from price *v.* to form an opinion or conclude that something is true based on existing facts
56. na____e an event *v.* to tell a story or give an account of events, often in a chronological or logical sequence; to provide a voiceover or commentary for a film or other media
57. playful p_g *n.* a small, sturdy breed of dog with a wrinkled face and a curled tail; a fighter, especially in boxing; (verb) to mix or prepare clay, especially for pottery
58. loud jac____er noise *n.* a powerful mechanical tool used to break up pavement, concrete, or other hard materials, typically used in construction or demolition projects
59. z_n meditation *n.* a school of Mahayana Buddhism that originated in China and was later developed in Japan, emphasizing the practice of meditation as the way to achieve enlightenment or awakening; (adjective) characterized by a sense of peace and tranquility, often through the practice of meditation or the use of natural elements

ANSWERS: 53. agility, 54. behaviorism, 55. infer, 56. narrate, 57. pug, 58. jackhammer, 59. zen

60. antagonism of do____ne *n.* a chemical substance produced by nerve cells as a neurotransmitter; as a drug, it is used to treat shock and hypotension
61. p__m pudding *n.* a small, sweet fruit with juicy flesh and a hard stone in the middle; a desirable or highly valued object, person, or position
62. z_n garden *n.* a school of Mahayana Buddhism that originated in China and was later developed in Japan, emphasizing the practice of meditation as the way to achieve enlightenment or awakening; (adjective) characterized by a sense of peace and tranquility, often through the practice of meditation or the use of natural elements
63. dem_____ive behavior *adj.* tending to show one's feelings or emotions openly; serving to demonstrate, explain, or prove something
64. ant_____ize animals *v.* to attribute human characteristics, emotions, and abilities to non-human entities
65. se___e patient *adj.* calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity
66. de____l level *n.* (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale

ANSWERS: 60. dopamine, 61. plum, 62. zen, 63. demonstrative, 64. anthropomorphize, 65. sedate, 66. decibel

67. cer_____um function *n.* the part of the brain at the back of the head that plays an important role in motor control, balance, and coordination
68. woolen m__f *n.* a tube-shaped garment for keeping the hands warm; a failure or mistake; (verb, of sports) to fail to hold onto the ball
69. a primitive ma___l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
70. m__f a speech *n.* a tube-shaped garment for keeping the hands warm; a failure or mistake; (verb, of sports) to fail to hold onto the ball

ANSWERS: 67. cerebellum, 68. muff, 69. mammal, 70. muff

Session 3: Fill in the Blanks

1. The coach had the team run through the _____ ladder to improve their coordination.
 - n.* the ability to move quickly and easily, often in a way that is graceful and controlled

2. A stroke in the _____ can cause paralysis or even death.
 - n.* the part of the vertebrate central nervous system that is continuous with the spinal cord and is composed of the medulla oblongata, pons, and midbrain, which controls many automatic functions of the body, such as heartbeat, breathing, and consciousness

3. An injury to the _____ can cause difficulty with walking, speaking, and maintaining posture.
 - n.* the part of the brain at the back of the head that plays an important role in motor control, balance, and coordination

4. The veterinarian recommended a _____ diet for my dog's health.
 - adj.* relating to or characteristic of dogs or the dog family; having qualities that are similar to those of dogs, such as loyalty or aggressiveness

5. Animal desire and preference are always _____ from their behavior.
 - v.* to form an opinion or conclude that something is true based on existing facts

6. The police had to _____ the suspect after he became violent during the arrest.
 - v.* to prevent or hold back from doing something, often by physical or moral force; to limit or restrict one's actions or behavior; to control or moderate strong emotions or impulses

ANSWERS: 1. agility, 2. brainstem, 3. cerebellum, 4. canine-friendly, 5. inferred, 6. restrain

7. The artist's innovative style of work _____ me.
- v.* to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone
8. Hunters use a whistle that makes the ____ sound to lure stags.
- n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
9. We _____ on a new project.
- v.* to go on board a ship or plane; to set out on an enterprise or subject of study; to start something
10. The farmer proudly displayed his basket of freshly picked _____ at the market.
- n.* a small, sweet fruit with juicy flesh and a hard stone in the middle; a desirable or highly valued object, person, or position
11. The news of her promotion _____ her.
- v.* to make someone feel suddenly enthusiastic or eager
12. The concert reached 100 _____ causing many people to cover their ears.
- n.* (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale
13. My car's _____ must be replaced before I drive again at night.
- n.* a bright forward-facing light on a vehicle, typically used at night to illuminate the road ahead
14. The golden _____ was trained as a therapy dog to comfort hospital patients.
- n.* a dog bred and trained for retrieving game, particularly birds, for hunters; a device or machine designed for retrieving or recovering items that are difficult to reach or obtain

ANSWERS: 7. intrigues, 8. doe, 9. embarked, 10. plums, 11. excited, 12. decibels, 13. headlight, 14. retriever

15. Some educators have adopted _____ techniques to reinforce positive behavior in their classrooms.
- n.* a psychological approach that emphasizes the study of observable behaviors and the environmental factors that influence them, often without reference to internal mental processes
16. The _____ dog followed its owner's commands.
- adj.* willing to do what someone in authority tells you to do
17. My neighbor's _____ is very playful and loves to fetch sticks.
- n.* a medium-sized dog breed of Scottish origin, often used as a sheepdog or for herding livestock
18. Have you _____ a response from them yet?
- v.* to obtain information or a reaction from someone, usually with difficulty
19. Multiple genes may influence behavioral _____ concurrently.
- n.* a particular feature of your nature
20. The audiobook hired a professional actor to _____ the story, making it more engaging for listeners.
- v.* to tell a story or give an account of events, often in a chronological or logical sequence; to provide a voiceover or commentary for a film or other media
21. Some animals have better _____ than humans, enabling them to detect prey from farther away.
- n.* the sense of smell; the ability to detect and perceive odors or scents
22. The motion of planets can be described using _____ mechanics.
- adj.* relating to Sir Isaac Newton or his laws of motion and universal gravitation

ANSWERS: 15. behaviorism, 16. obedient, 17. collie, 18. elicited, 19. traits, 20. narrate, 21. olfaction, 22. Newtonian

23. My cute ____ puppy loves to play with her favorite toy, a squeaky ball.
- n.* a small, sturdy breed of dog with a wrinkled face and a curled tail; a fighter, especially in boxing; (verb) to mix or prepare clay, especially for pottery
24. The _____ environment of the library was perfect for studying.
- adj.* calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity
25. The _____ exhibit showcased the latest advancements in technology.
- adj.* tending to show one's feelings or emotions openly; serving to demonstrate, explain, or prove something
26. The drug controls the level of _____ in the brain.
- n.* a chemical substance produced by nerve cells as a neurotransmitter; as a drug, it is used to treat shock and hypotension
27. We must ensure that all medical testing on animals is conducted in a _____ way.
- adj.* having or showing compassion, kindness, and sympathy toward others, especially toward those who are suffering
28. The operator of the _____ wears noise-canceling headphones to protect their ears.
- n.* a powerful mechanical tool used to break up pavement, concrete, or other hard materials, typically used in construction or demolition projects
29. Daily yoga helped her achieve a ____ state of mind and calmness.
- n.* a school of Mahayana Buddhism that originated in China and was later developed in Japan, emphasizing the practice of meditation as the way to achieve enlightenment or awakening; (adjective) characterized by a sense of peace and tranquility, often through the practice of meditation or the use of natural elements

ANSWERS: 23. pug, 24. sedate, 25. demonstrative, 26. dopamine, 27. humane, 28. jackhammer, 29. zen

30. Marine _____ populations are declining worldwide due to ocean pollution.
- n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
31. The children _____ their stuffed animals and gave them personalities.
- v.* to attribute human characteristics, emotions, and abilities to non-human entities
32. It takes time for your body to _____ to a new environment.
- v.* to adapt or adjust to a new climate, environment, or situation, often by undergoing a period of exposure or learning
33. The _____ test showed that the patient was responding well to the treatment.
- n.* a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention
34. She wore a fur _____ to keep her hands warm during the winter.
- n.* a tube-shaped garment for keeping the hands warm; a failure or mistake; (verb, of sports) to fail to hold onto the ball
35. We _____ cows to gain milk and meat.
- v.* to take control of animals or plants to provide food, power, or company

ANSWERS: 30. mammal, 31. anthropomorphized, 32. acclimate, 33. biomarker, 34. muff, 35. domesticate