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Vocabulary Builder Reference from...

Steve Ramirez and Xu Liu: A mouse. A laser beam. A manipulated memory. | TED Talk

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

Advanced Words Only

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Session 1: Word List

breakup

n. the end of a relationship between persons or nations; the separation of something into several pieces or sections

synonym: breakdown, divorce, separation

(1) a **breakup** hug, (2) air **breakup**

He got over the big **breakup** with his wife.

visceral

adj. relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

synonym: instinctive, intuitive, gut

(1) **visceral** organ, (2) **visceral** fear

After watching the horror movie, she had a **visceral** reaction and couldn't sleep all night.

neuroscience

n. the scientific study of the function, structure, and disorder of the brain and the nervous system

(1) the branch of **neuroscience**, (2) a theoretical concept in **neuroscience**

Our university is famous for its professors, who are well-versed in behavioral **neuroscience**.

undertone

n. a low or muted tone or sound, often suggesting an underlying emotion, message, or meaning that is not explicitly stated; a subtle or subdued quality or aspect
synonym : tinge, implication, hint

(1) political **undertone**, (2) a clear **undertone** of tension
The speech had a subtle **undertone** of criticism that didn't go unnoticed by the audience.

mediate

v. to try to bring about an agreement or understanding between people who are in conflict
synonym : arbitrate, reconcile, intervene

(1) **mediate** allergic reaction, (2) **mediate** a negotiation
The teacher had to **mediate** a disagreement between two students over a stolen pencil.

nauseate

v. to cause feelings of nausea or sickness; to feel sick or queasy; to cause repugnance or disgust
synonym : queasy, sicken, disgust

(1) **nauseate** my stomach, (2) make me **nauseate**
The roller coaster ride was so intense that it **nauseated** some passengers.

lofty

adj. elevated in position, rank, or status; grand; elevated in style or language
synonym : high, elevated, grand

(1) a **lofty** peak, (2) **lofty** ambitions
His **lofty** goals were admirable but unrealistic.

spotless

adj. perfectly clean and free of any blemish, defect, or dirt; impeccably neat and tidy
synonym : immaculate, pristine, pure

(1) **spotless** room, (2) **spotless** reputation
The car dealership advertised **spotless** cars that looked brand new.

haystack

n. a large mound of hay, usually stacked in a conical or cylindrical shape, used for animal feed or bedding

synonym : pile, heap, stack

(1) **haystack** fire, (2) lost in a **haystack**

The children played hide and seek in the **haystacks** in the barnyard.

daunting

adj. looking challenging to manage in prospect; making someone anxious and less confident about carrying out something

synonym : intimidating, stunning, disheartening

(1) face the **daunting** reality, (2) seem like a **daunting** task

My homework was **daunting** and complex, but it was also intriguing.

hippocampus

n. a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory

(1) involvement of the **hippocampus**, (2) neurons in the **hippocampus**

The **hippocampus** is crucial for learning and memory storage.

footprint

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

synonym : footmark, imprint, impression

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

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

inject

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym : shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

crystallize

v. to form crystals from a liquid or solution; to become clear or definite in form or structure; to solidify

synonym : solidify, freeze, shape up

(1) **crystallize** a concept, (2) **crystallize** into reality

As the sugar water cools, it will slowly **crystallize** into rock candy.

fleeting

adj. brief or temporary, lasting only a short time

synonym : temporary, brief, transitory

(1) for a **fleeting** moment, (2) **fleeting** opportunity

She savored the **fleeting** happiness she felt during the vacation.

inactivate

v. to make something idle or inoperative; to release from military service or remove from the active list of military service

synonym : assuage, appease, demobilize

(1) **inactivate** growth factor, (2) **inactivate** the vaccine

The system for purifying the air uses UV light to **inactivate** microorganisms.

zap

v. to strike, destroy, get rid of, or kill something or someone suddenly and with force

synonym : destroy, kill, exterminate

(1) **zap** a huge target, (2) **zap** bar code

They provided allies with powerful weapons that could **zap** the enemy from thousands of miles away.

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.

optogenetics

n. a branch of biotechnology that involves the use of light to control the activity of genetically modified cells or neurons in living tissue, often used in neuroscience research

(1) **optogenetics** technique, (2) **optogenetics** manipulation

The recent advances in **optogenetics** research have paved the way for a deeper understanding of neuronal functions.

rhodopsin

n. a light-sensitive protein found in the retina of the eye, responsible for vision in low-light conditions

synonym: visual purple, purpuroxanthin, retinene

(1) visual **rhodopsin**, (2) photosensitive **rhodopsin**

Light entering the eye causes a chemical change in the **rhodopsin**, which begins the vision process.

undetected

adj. not perceived or discovered

synonym: undiscovered, hidden, concealed

(1) **undetected** cancer, (2) leave the house **undetected**

Doctors made mistakes, and diseases remained **undetected**.

terrifying

adj. very frightening or intimidating

synonym: frightening, intimidating, alarming

(1) **terrifying** experience, (2) **terrifying** events

Large earthquakes often generate **terrifying** tsunamis.

pretension

n. the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition

synonym: presumption, pretense, affectation

(1) **pretension** to authority, (2) baseless **pretension**

His **pretensions** of being a gourmet were quickly exposed when he could not identify basic herbs and spices.

incapacitate

v. to disable or render someone or something unable to function or operate normally, either temporarily or permanently, often as a result of injury, illness, or damage

synonym : disable, paralyze, immobilize

(1) **incapacitate** opponent, (2) **incapacitate** the enemy

The injury sustained during the game could **incapacitate** the player for the rest of the season.

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.

ocular

adj. relating to the eyes or vision; visual; pertaining to or connected with the sense of sight

synonym : visual, optical, ophthalmic

(1) **ocular** examination, (2) **ocular** symptoms

After using the new **ocular** lens, the photographer took extremely sharp and detailed pictures.

sniff

v. to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath

synonym : smell, inhale, scent

(1) **sniff** the air, (2) **sniff** the perfume

The dog stopped to **sniff** around the tree, looking for something interesting.

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.

optimism

n. a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation

synonym : positiveness, sanguinity, bullishness

(1) sense of **optimism**, (2) political **optimism**

There is considerable **optimism** that the economy will recover soon.

freeman

n. a person who is not a serf or enslaved person and has the right to hold property and vote

synonym: citizen, individual, person

(1) **freeman** rights, (2) **freeman** status

In the colonial period, only **freeman** was allowed to vote.

evocative

adj. tending to evoke or bring something to mind

synonym: suggestive, stimulating, provocative

(1) **evocative** memories, (2) **evocative** language

The music was **evocative** of a bygone era.

accolade

n. an expression of praise, honor, or approval, often in the form of an award or ceremonial gesture; a sign of recognition or achievement

synonym: tribute, honor, award

(1) **accolade** ceremony, (2) professional **accolade**

The actor received an **accolade** for his outstanding performance in the play.

ramification

n. the act or process of branching out or dividing into branches

synonym: fork, branching, complication

(1) **ramifications** of the scenario, (2) political **ramification**

The court's decision had many unforeseen **ramifications**.

tinker

v. to make repairs, adjustments, or improvements to something, especially in an experimental or makeshift way

synonym: fiddle, play, fix

(1) **tinker** with the bill, (2) **tinker** with the settings

He spent the afternoon **tinkering** with his car engine.

remix

v. to compose a piece of media that has been altered or contorted from its original state by adding, removing, or changing elements of the item

synonym : recreate, recompose, alter

(1) **remix** a couple of tracks, (2) **remix** the album

He **remixed** the tracks to give them a jazz feel.

pluck

v. to pull or draw something, especially with sudden force or effort; to strip of feathers

synonym : grab, pull out, pick

(1) **pluck** a gray hair, (2) **pluck** out weeds

She **plucked** the flowers off the bush.

pleasurable

adj. giving satisfaction or pleasure; enjoyable

synonym : comforting, enjoyable, gratifying

(1) a **pleasurable** experience, (2) have a very **pleasurable** time

Our marital life was full of happiness and **pleasurable** excitement.

rumor

n. a piece of unverified information of uncertain origin that is spread by word of mouth

synonym : gossip, whisper, talk

(1) a false **rumor**, (2) **rumor** mill

There was a baseless **rumor** that the company was going bankrupt.

Session 2: Spelling

1. he_____ht adjustment *n.* a bright forward-facing light on a vehicle, typically used at night to illuminate the road ahead
2. 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
3. inc_____ate opponent *v.* to disable or render someone or something unable to function or operate normally, either temporarily or permanently, often as a result of injury, illness, or damage
4. fr_____n rights *n.* a person who is not a serf or enslaved person and has the right to hold property and vote
5. political un_____ne *n.* a low or muted tone or sound, often suggesting an underlying emotion, message, or meaning that is not explicitly stated; a subtle or subdued quality or aspect
6. make me na_____te *v.* to cause feelings of nausea or sickness; to feel sick or queasy; to cause repugnance or disgust
7. visual rh_____in *n.* a light-sensitive protein found in the retina of the eye, responsible for vision in low-light conditions
8. re__x the album *v.* to compose a piece of media that has been altered or contorted from its original state by adding, removing, or changing elements of the item

ANSWERS: 1. headlight, 2. electrify, 3. incapacitate, 4. freeman, 5. undertone, 6. nauseate, 7. rhodopsin, 8. remix

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|--------------------------------|--|
| 9. und_____ed cancer | <i>adj.</i> not perceived or discovered |
| 10. pre_____on to authority | <i>n.</i> the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition |
| 11. fl_____ng opportunity | <i>adj.</i> brief or temporary, lasting only a short time |
| 12. ac_____de ceremony | <i>n.</i> an expression of praise, honor, or approval, often in the form of an award or ceremonial gesture; a sign of recognition or achievement |
| 13. the branch of neu_____nce | <i>n.</i> the scientific study of the function, structure, and disorder of the brain and the nervous system |
| 14. re__x a couple of tracks | <i>v.</i> to compose a piece of media that has been altered or contorted from its original state by adding, removing, or changing elements of the item |
| 15. z_p bar code | <i>v.</i> to strike, destroy, get rid of, or kill something or someone suddenly and with force |
| 16. na_____te my stomach | <i>v.</i> to cause feelings of nausea or sickness; to feel sick or queasy; to cause repugnance or disgust |
| 17. ru__r mill | <i>n.</i> a piece of unverified information of uncertain origin that is spread by word of mouth |
| 18. leave the house und_____ed | <i>adj.</i> not perceived or discovered |

ANSWERS: 9. undetected, 10. pretension, 11. fleeting, 12. accolade, 13. neuroscience, 14. remix, 15. zap, 16. nauseate, 17. rumor, 18. undetected

19. z_p a huge target *v.* to strike, destroy, get rid of, or kill something or someone suddenly and with force
20. opt_____ics manipulation *n.* a branch of biotechnology that involves the use of light to control the activity of genetically modified cells or neurons in living tissue, often used in neuroscience research
21. sn__f the air *v.* to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
22. in___t a personal opinion into a debate *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
23. a br_____p hug *n.* the end of a relationship between persons or nations; the separation of something into several pieces or sections
24. vi_____al fear *adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
25. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
26. fr_____n status *n.* a person who is not a serf or enslaved person and has the right to hold property and vote

ANSWERS: 19. zap, 20. optogenetics, 21. sniff, 22. inject, 23. breakup, 24. visceral, 25. excite, 26. freeman

27. sp____ss reputation *adj.* perfectly clean and free of any blemish, defect, or dirt; impeccably neat and tidy
28. oc____r examination *adj.* relating to the eyes or vision; visual; pertaining to or connected with the sense of sight
29. seem like a da____ng task *adj.* looking challenging to manage in prospect; making someone anxious and less confident about carrying out something
30. sense of op____sm *n.* a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation
31. he____ht switch *n.* a bright forward-facing light on a vehicle, typically used at night to illuminate the road ahead
32. involvement of the hip____us *n.* a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory
33. the fo____nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
34. 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
35. me____e a negotiation *v.* to try to bring about an agreement or understanding between people who are in conflict

ANSWERS: 27. spotless, 28. ocular, 29. daunting, 30. optimism, 31. headlight, 32. hippocampus, 33. footprint, 34. electrify, 35. mediate

36. fo_____nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
37. ina_____te the vaccine *v.* to make something idle or inoperative; to release from military service or remove from the active list of military service
38. ram_____ions of the scenario *n.* the act or process of branching out or dividing into branches
39. cry_____ze a concept *v.* to form crystals from a liquid or solution; to become clear or definite in form or structure; to solidify
40. a lo__y peak *adj.* elevated in position, rank, or status; grand; elevated in style or language
41. in___t under the skin *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
42. sn__f the perfume *v.* to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
43. a clear un_____ne of tension *n.* a low or muted tone or sound, often suggesting an underlying emotion, message, or meaning that is not explicitly stated; a subtle or subdued quality or aspect
44. ter_____ng events *adj.* very frightening or intimidating
45. ti___r with the bill *v.* to make repairs, adjustments, or improvements to something, especially in an experimental or makeshift way

ANSWERS: 36. footprint, 37. inactivate, 38. ramification, 39. crystallize, 40. lofty, 41. inject, 42. sniff, 43. undertone, 44. terrifying, 45. tinker

46. me_____e allergic reaction *v.* to try to bring about an agreement or understanding between people who are in conflict
47. political op_____sm *n.* a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation
48. have a very ple_____le time *adj.* giving satisfaction or pleasure; enjoyable
49. ev_____ve memories *adj.* tending to evoke or bring something to mind
50. ex_____e rebellion *v.* to make someone feel suddenly enthusiastic or eager
51. for a fl_____ng moment *adj.* brief or temporary, lasting only a short time
52. professional ac_____de *n.* an expression of praise, honor, or approval, often in the form of an award or ceremonial gesture; a sign of recognition or achievement
53. lost in a ha_____ck *n.* a large mound of hay, usually stacked in a conical or cylindrical shape, used for animal feed or bedding
54. ti_____r with the settings *v.* to make repairs, adjustments, or improvements to something, especially in an experimental or makeshift way
55. ev_____ve language *adj.* tending to evoke or bring something to mind
56. a theoretical concept in
neu_____nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system

ANSWERS: 46. mediate, 47. optimism, 48. pleasurable, 49. evocative, 50. excite, 51. fleeting, 52. accolade, 53. haystack, 54. tinker, 55. evocative, 56. neuroscience

57. inc_____ate the enemy *v.* to disable or render someone or something unable to function or operate normally, either temporarily or permanently, often as a result of injury, illness, or damage
58. vi_____al organ *adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
59. ina_____te growth factor *v.* to make something idle or inoperative; to release from military service or remove from the active list of military service
60. political ram_____ion *n.* the act or process of branching out or dividing into branches
61. pl__k a gray hair *v.* to pull or draw something, especially with sudden force or effort; to strip of feathers
62. opt_____ics technique *n.* a branch of biotechnology that involves the use of light to control the activity of genetically modified cells or neurons in living tissue, often used in neuroscience research
63. photosensitive rh_____in *n.* a light-sensitive protein found in the retina of the eye, responsible for vision in low-light conditions
64. face the da_____ng reality *adj.* looking challenging to manage in prospect; making someone anxious and less confident about carrying out something

ANSWERS: 57. incapacitate, 58. visceral, 59. inactivate, 60. ramification, 61. pluck, 62. optogenetics, 63. rhodopsin, 64. daunting

65. pl__k out weeds *v.* to pull or draw something, especially with sudden force or effort; to strip of feathers
66. a ple_____le experience *adj.* giving satisfaction or pleasure; enjoyable
67. sp_____ss room *adj.* perfectly clean and free of any blemish, defect, or dirt; impeccably neat and tidy
68. air br_____p *n.* the end of a relationship between persons or nations; the separation of something into several pieces or sections
69. lo__y ambitions *adj.* elevated in position, rank, or status; grand; elevated in style or language
70. ter_____ng experience *adj.* very frightening or intimidating
71. ha_____ck fire *n.* a large mound of hay, usually stacked in a conical or cylindrical shape, used for animal feed or bedding
72. oc___r symptoms *adj.* relating to the eyes or vision; visual; pertaining to or connected with the sense of sight
73. a false ru__r *n.* a piece of unverified information of uncertain origin that is spread by word of mouth
74. cry_____ze into reality *v.* to form crystals from a liquid or solution; to become clear or definite in form or structure; to solidify
75. neurons in the hip_____us *n.* a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory

ANSWERS: 65. pluck, 66. pleasurable, 67. spotless, 68. breakup, 69. lofty, 70. terrifying, 71. haystack, 72. ocular, 73. rumor, 74. crystallize, 75. hippocampus

76. baseless pre_____on

n. the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition

ANSWERS: 76. pretension

Session 3: Fill in the Blanks

1. As the sugar water cools, it will slowly _____ into rock candy.
v. to form crystals from a liquid or solution; to become clear or definite in form or structure; to solidify

2. He _____ the tracks to give them a jazz feel.
v. to compose a piece of media that has been altered or contorted from its original state by adding, removing, or changing elements of the item

3. The speech had a subtle _____ of criticism that didn't go unnoticed by the audience.
n. a low or muted tone or sound, often suggesting an underlying emotion, message, or meaning that is not explicitly stated; a subtle or subdued quality or aspect

4. The news of her promotion _____ her.
v. to make someone feel suddenly enthusiastic or eager

5. She savored the _____ happiness she felt during the vacation.
adj. brief or temporary, lasting only a short time

6. Our marital life was full of happiness and _____ excitement.
adj. giving satisfaction or pleasure; enjoyable

7. The injury sustained during the game could _____ the player for the rest of the season.
v. to disable or render someone or something unable to function or operate normally, either temporarily or permanently, often as a result of injury, illness, or damage

ANSWERS: 1. crystallize, 2. remixed, 3. undertone, 4. excited, 5. fleeting, 6. pleasurable, 7. incapacitate

8. After using the new _____ lens, the photographer took extremely sharp and detailed pictures.
adj. relating to the eyes or vision; visual; pertaining to or connected with the sense of sight
9. The court's decision had many unforeseen _____.
n. the act or process of branching out or dividing into branches
10. They provided allies with powerful weapons that could ____ the enemy from thousands of miles away.
v. to strike, destroy, get rid of, or kill something or someone suddenly and with force
11. His _____ goals were admirable but unrealistic.
adj. elevated in position, rank, or status; grand; elevated in style or language
12. The teacher had to _____ a disagreement between two students over a stolen pencil.
v. to try to bring about an agreement or understanding between people who are in conflict
13. The system for purifying the air uses UV light to _____ microorganisms.
v. to make something idle or inoperative; to release from military service or remove from the active list of military service
14. The _____ is crucial for learning and memory storage.
n. a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory
15. The actor received an _____ for his outstanding performance in the play.
n. an expression of praise, honor, or approval, often in the form of an award or ceremonial gesture; a sign of recognition or achievement

ANSWERS: 8. ocular, 9. ramifications, 10. zap, 11. lofty, 12. mediate, 13. inactivate, 14. hippocampus, 15. accolade

16. 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
17. My homework was _____ and complex, but it was also intriguing.
adj. looking challenging to manage in prospect; making someone anxious and less confident about carrying out something
18. The children played hide and seek in the _____ in the barnyard.
n. a large mound of hay, usually stacked in a conical or cylindrical shape, used for animal feed or bedding
19. Let's try to _____ a bit of enthusiasm into your performance.
v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
20. Doctors made mistakes, and diseases remained _____.
adj. not perceived or discovered
21. There is considerable _____ that the economy will recover soon.
n. a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation
22. In the colonial period, only _____ was allowed to vote.
n. a person who is not a serf or enslaved person and has the right to hold property and vote
23. His _____ of being a gourmet were quickly exposed when he could not identify basic herbs and spices.
n. the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition

ANSWERS: 16. headlight, 17. daunting, 18. haystacks, 19. inject, 20. undetected, 21. optimism, 22. freeman, 23. pretensions

24. The roller coaster ride was so intense that it _____ some passengers.
- v.* to cause feelings of nausea or sickness; to feel sick or queasy; to cause repugnance or disgust
25. He got over the big _____ with his wife.
- n.* the end of a relationship between persons or nations; the separation of something into several pieces or sections
26. We choose transportation that has a smaller carbon _____.
- n.* a mark of a foot, shoe, or animal's foot left on a surface
27. The recent advances in _____ research have paved the way for a deeper understanding of neuronal functions.
- n.* a branch of biotechnology that involves the use of light to control the activity of genetically modified cells or neurons in living tissue, often used in neuroscience research
28. After watching the horror movie, she had a _____ reaction and couldn't sleep all night.
- adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
29. The car dealership advertised _____ cars that looked brand new.
- adj.* perfectly clean and free of any blemish, defect, or dirt; impeccably neat and tidy
30. There was a baseless _____ that the company was going bankrupt.
- n.* a piece of unverified information of uncertain origin that is spread by word of mouth
31. Light entering the eye causes a chemical change in the _____ which begins the vision process.
- n.* a light-sensitive protein found in the retina of the eye, responsible for vision in low-light conditions

ANSWERS: 24. nauseated, 25. breakup, 26. footprint, 27. optogenetics, 28. visceral, 29. spotless, 30. rumor, 31. rhodopsin,

32. He spent the afternoon _____ with his car engine.

- v. to make repairs, adjustments, or improvements to something, especially in an experimental or makeshift way

33. The music was _____ of a bygone era.

- adj. tending to evoke or bring something to mind

34. She _____ the flowers off the bush.

- v. to pull or draw something, especially with sudden force or effort; to strip of feathers

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

36. The dog stopped to _____ around the tree, looking for something interesting.

- v. to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath

37. Our university is famous for its professors, who are well-versed in behavioral _____.

- n. the scientific study of the function, structure, and disorder of the brain and the nervous system

38. Large earthquakes often generate _____ tsunamis.

- adj. very frightening or intimidating

ANSWERS: 32. tinkering, 33. evocative, 34. plucked, 35. electrify, 36. sniff, 37. neuroscience, 38. terrifying