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## Vocabulary Builder Reference from...

Shannon Odell: The science of falling in love | TED Talk

[https://www.ted.com/talks/shannon\\_odell\\_the\\_science\\_of\\_falling\\_in\\_love](https://www.ted.com/talks/shannon_odell_the_science_of_falling_in_love)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### heartwarming

*adj.* seeming to be something good and therefore causing gladness and pleasure

*synonym*: pleasant, exhilarating, inspiring

(1) **heartwarming** letter, (2) a **heartwarming** tale of love  
We enjoyed the **heartwarming** hospitality of the host.

### wrench

*v.* to pull or twist something suddenly or violently

*synonym*: twist, turn, bend

(1) **wrench** off the lock, (2) **wrench** my back  
A deep sigh was **wrenched** from his chest.

### heartbreak

*n.* a feeling of great sadness or disappointment

*synonym*: grief, sorrow, bitterness

(1) ease her **heartbreak**, (2) go through **heartbreak**  
They had experienced the **heartbreak** of losing two children due to premature births.

### symphony

*n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements

*synonym*: orchestra, harmony, concert

(1) a **symphony** orchestra, (2) a beautiful **symphony**  
The frequent performances of the **symphony** prove its

popularity.

## neurochemical

*adj.* of or relating to chemical processes occurring in neural activity or chemical substance that participates in neural activity

(1) **neurochemical** substances, (2) **neurochemical** mechanism

Our study focuses on **neurochemical** changes in the brain.

## daydreaming

*n.* the act of thinking about something that you would prefer to be doing or have happened to you

*synonym*: reverie, cloud-castle, imagination

(1) stimulate **daydreaming**, (2) the mental process of **daydreaming**

I often waste a lot of time **daydreaming**.

## infatuate

*v.* to be inspired with a very strong but usually short-lived passion, love, or admiration for someone or something

*synonym*: beguile, captivate, charm

(1) **infatuate** the audience, (2) make me **infatuated**

He has been **infatuated** with her since he met her.

## intoxicate

*v.* (of alcohol or a drug) to make someone lose control of their faculties or behavior

*synonym*: befuddle, daze, fascinate

(1) be **intoxicated** with success, (2) **intoxicate** the person  
For him, a glass of wine was an amount of alcohol sufficient to **intoxicate**.

## integument

*n.* a tough outer covering, especially that of an animal or plant, such as a skin or shell

*synonym*: cover, envelope, skin

(1) **integument** layer, (2) insect **integument**

The outer **integument** protects the seed.

## quench

*v.* to drink liquid so that you satisfy your thirst

*synonym*: satisfy, sate, assuage

(1) **quench** a fire, (2) **quench** a rebellion

Her beautiful voice **quenched** the thirst of an ever-growing audience.

## thirst

*n.* a feeling of needing something to drink; a strong desire for something

*synonym*: craving, desire, appetite

(1) a burning **thirst**, (2) **thirst** for authority

He read books to quench his **thirst** for knowledge.

## neurotransmitter

*n.* a chemical that carries nerve impulses between neurons or between neurons and muscles

(1) **neurotransmitter** receptor, (2) **neurotransmitters** released from the brain

Endorphins are a type of **neurotransmitter** that gives a sense of well-being.

## 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.

## euphoric

*adj.* an extreme feeling of well-being or excitement

*synonym*: enraptured, elated, delighted

(1) **euphoric** effects, (2) in a **euphoric** mood

The researchers are **euphoric** at the success of observing the black hole.

## haze

*n.* atmospheric moisture, dust, or smoke that makes it less clear; a state of mental confusion caused by lack of clarity

*synonym*: fog, mist, brume

(1) a **haze** of illusion, (2) **haze** of tears

We couldn't see him through the **haze** of smoke.

## prefrontal

*adj.* in or about the foremost part of the frontal lobe of the brain

(1) **prefrontal** bone, (2) **prefrontal** region

Research shows that damage to the **prefrontal** cortex leads to increased aggression.

## rollercoaster

*n.* a type of amusement ride that goes up and down very steep slopes and around very sudden bends on which people ride in small and open carriages

*synonym*: turbulence, upheaval

(1) emotional **rollercoaster**, (2) wooden **rollercoaster**

We finally divorced after experiencing a **rollercoaster** marriage.

## long-lasting

*adj.* existing or continuing for a long time

*synonym*: enduring, abiding, durable

(1) **long-lasting** battery, (2) a **long-lasting** friendship

They finally decided to solve the **long-lasting** problem.

## compassionate

*adj.* feeling or showing sympathy and concern for the suffering or bad luck of others

*synonym*: empathetic, sympathetic, merciful

(1) a **compassionate** heart, (2) **compassionate** leave

My father has a serious and **compassionate** personality.

## oxytocin

*n.* a hormone secreted by the pituitary which stimulates contractions of the uterus during labor (= the process of pushing out a baby) and the ejection of milk

(1) **oxytocin-degrading** enzyme, (2) **oxytocin** receptor

Women may increase **oxytocin** production through romantic love.

## vasopressin

*n.* a hormone secreted by the pituitary which acts to promote the reabsorption of water by the kidneys and increase blood pressure

(1) potentiate **vasopressin** action, (2) **vasopressin** sensitivity

This drug is a type of **vasopressin** receptor antagonist.

## tint

*n.* a shade or small amount of a color

*synonym*: hue, stain, pigment

(1) rosy **tint** lip, (2) **tint** color

This flower has milky white petals with a pink **tint** on its edges.

## 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.

## insular

*adj.* relating to, characteristic of, or situated on an island, especially an isolated one; interested only in your own country, group, ideas, etc., and not in those from outside

*synonym*: narrow-minded, circumscribed, isolated

(1) an **insular** country, (2) **insular** prejudices

She blamed his **insular** attitudes toward foreigners.

## sprain

*v.* to injure a joint in your body by a sudden wrenching of it

*synonym*: turn, twist, wrench

(1) **sprain** a joint, (2) **sprain** my knee in a game

She **sprained** her ankles when she fell.

## craving

*n.* a strong desire of wanting something

*synonym*: desire, appetite, longing

(1) **craving** for revenge, (2) curb our **cravings**

I have a **craving** for nicotine.

## whirlwind

*n.* a very strong wind that moves rapidly in circles and causes a lot of damage

*synonym*: tornado, waterspout, dust devil

(1) economic **whirlwind**, (2) **whirlwind** of events

We went on a **whirlwind** visit to the sightseeing spot.

## restless

*adj.* unwilling or unable to stay still or relax because you are worried and uneasy

*synonym*: agitated, anxious, disturbed

(1) a **restless** person, (2) **restless** waves

He felt **restless** and constantly changed his postures.

## agonize

*v.* to spend a long time thinking about a difficult problem and trying to make a decision, especially through worrying

*synonym*: disturb, excruciate, lament

(1) **agonize** pain, (2) **agonize** about financing

He **agonized** over whether to accept the job offer.

## tame

*v.* to make wild animals domesticated or controlled, especially through specific training; (adjective) not dangerous or afraid of people, either naturally or because of specific training

*synonym*: domesticate, soften, (adjective) harmless

(1) **tame** a wild beast, (2) a **tame** animal

We have to **tame** substantial financial deficits at first.

## Session 2: Spelling

- |                                 |  |
|---------------------------------|--|
| 1. potentiate vas_____in action | <i>n.</i> a hormone secreted by the pituitary which acts to promote the reabsorption of water by the kidneys and increase blood pressure |
| 2. antagonism of do_____ne      | <i>n.</i> a chemical substance produced by nerve cells as a neurotransmitter; as a drug, it is used to treat shock and hypotension       |
| 3. neu_____cal substances       | <i>adj.</i> of or relating to chemical processes occurring in neural activity or chemical substance that participates in neural activity |
| 4. ag_____e pain                | <i>v.</i> to spend a long time thinking about a difficult problem and trying to make a decision, especially through worrying             |
| 5. lon_____ing battery          | <i>adj.</i> existing or continuing for a long time   |
| 6. make me in_____ted           | <i>v.</i> to be inspired with a very strong but usually short-lived passion, love, or admiration for someone or something                |
| 7. a br_____p hug               | <i>n.</i> the end of a relationship between persons or nations; the separation of something into several pieces or sections              |
| 8. air br_____p                 | <i>n.</i> the end of a relationship between persons or nations; the separation of something into several pieces or sections              |

ANSWERS: 1. vasopressin, 2. dopamine, 3. neurochemical, 4. agonize, 5. long-lasting, 6. infatuate, 7. breakup, 8. breakup

9. ease her hea\_\_\_\_\_ak *n.* a feeling of great sadness or disappointment
10. ag\_\_\_\_\_e about financing *v.* to spend a long time thinking about a difficult problem and trying to make a decision, especially through worrying
11. rosy t\_\_t lip *n.* a shade or small amount of a color
12. a sy\_\_\_\_\_ny orchestra *n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements
13. re\_\_\_\_\_ss waves *adj.* unwilling or unable to stay still or relax because you are worried and uneasy
14. emotional rol\_\_\_\_\_ter *n.* a type of amusement ride that goes up and down very steep slopes and around very sudden bends on which people ride in small and open carriages
15. in\_\_\_\_\_r prejudices *adj.* relating to, characteristic of, or situated on an island, especially an isolated one; interested only in your own country, group, ideas, etc., and not in those from outside
16. a lon\_\_\_\_\_ing friendship *adj.* existing or continuing for a long time
17. neu\_\_\_\_\_ter receptor *n.* a chemical that carries nerve impulses between neurons or between neurons and muscles
18. a hea\_\_\_\_\_ing tale of love *adj.* seeming to be something good and therefore causing gladness and pleasure

ANSWERS: 9. heartbreak, 10. agonize, 11. tint, 12. symphony, 13. restless, 14. rollercoaster, 15. insular, 16. long-lasting, 17. neurotransmitter, 18. heartwarming



19. neu\_\_\_\_\_ters released from the brain      *n.* a chemical that carries nerve impulses between neurons or between neurons and muscles
20. eu\_\_\_\_\_ic effects      *adj.* an extreme feeling of well-being or excitement
21. a beautiful sy\_\_\_\_\_ny      *n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements
22. int\_\_\_\_\_te the person      *v.* (of alcohol or a drug) to make someone lose control of their faculties or behavior
23. in\_\_\_\_\_te the audience      *v.* to be inspired with a very strong but usually short-lived passion, love, or admiration for someone or something
24. wr\_\_\_\_\_h off the lock      *v.* to pull or twist something suddenly or violently
25. qu\_\_\_\_\_h a fire      *v.* to drink liquid so that you satisfy your thirst
26. an in\_\_\_\_\_r country      *adj.* relating to, characteristic of, or situated on an island, especially an isolated one; interested only in your own country, group, ideas, etc., and not in those from outside
27. economic wh\_\_\_\_\_nd      *n.* a very strong wind that moves rapidly in circles and causes a lot of damage
28. h\_\_e of tears      *n.* atmospheric moisture, dust, or smoke that makes it less clear; a state of mental confusion caused by lack of clarity

ANSWERS: 19. neurotransmitter, 20. euphoric, 21. symphony, 22. intoxicate, 23. infatuate, 24. wrench, 25. quench, 26. insular, 27. whirlwind, 28. haze

29. ox\_\_\_\_\_in receptor *n.* a hormone secreted by the pituitary which stimulates contractions of the uterus during labor (= the process of pushing out a baby) and the ejection of milk
30. pre\_\_\_\_\_al region *adj.* in or about the foremost part of the frontal lobe of the brain
31. 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
32. vas\_\_\_\_\_in sensitivity *n.* a hormone secreted by the pituitary which acts to promote the reabsorption of water by the kidneys and increase blood pressure
33. stimulate day\_\_\_\_\_ng *n.* the act of thinking about something that you would prefer to be doing or have happened to you
34. sp\_\_\_\_n a joint *v.* to injure a joint in your body by a sudden wrenching of it
35. com\_\_\_\_\_ate leave *adj.* feeling or showing sympathy and concern for the suffering or bad luck of others
36. th\_\_\_\_t for authority *n.* a feeling of needing something to drink; a strong desire for something
37. t\_\_t color *n.* a shade or small amount of a color
38. wr\_\_\_\_h my back *v.* to pull or twist something suddenly or violently
39. pre\_\_\_\_\_al bone *adj.* in or about the foremost part of the frontal lobe of the brain

ANSWERS: 29. oxytocin, 30. prefrontal, 31. dopamine, 32. vasopressin, 33. daydreaming, 34. sprain, 35. compassionate, 36. thirst, 37. tint, 38. wrench, 39. prefrontal

40. wh\_\_\_\_\_nd of events *n.* a very strong wind that moves rapidly in circles and causes a lot of damage
41. a re\_\_\_\_\_ss person *adj.* unwilling or unable to stay still or relax because you are worried and uneasy
42. be int\_\_\_\_\_ted with success *v.* (of alcohol or a drug) to make someone lose control of their faculties or behavior
43. curb our cr\_\_\_\_\_gs *n.* a strong desire of wanting something
44. the mental process of day\_\_\_\_\_ng *n.* the act of thinking about something that you would prefer to be doing or have happened to you
45. int\_\_\_\_\_nt layer *n.* a tough outer covering, especially that of an animal or plant, such as a skin or shell
46. cr\_\_\_\_\_g for revenge *n.* a strong desire of wanting something
47. go through hea\_\_\_\_\_ak *n.* a feeling of great sadness or disappointment
48. a com\_\_\_\_\_ate heart *adj.* feeling or showing sympathy and concern for the suffering or bad luck of others
49. wooden rol\_\_\_\_\_ter *n.* a type of amusement ride that goes up and down very steep slopes and around very sudden bends on which people ride in small and open carriages
50. a burning th\_\_\_\_t *n.* a feeling of needing something to drink; a strong desire for something
51. sp\_\_\_\_n my knee in a game *v.* to injure a joint in your body by a sudden wrenching of it
52. a t\_\_e animal *v.* to make wild animals domesticated or controlled, especially through specific training; (adjective) not dangerous or afraid of people, either naturally or because of specific training

ANSWERS: 40. whirlwind, 41. restless, 42. intoxicate, 43. craving, 44. daydreaming, 45. integument, 46. craving, 47. heartbreak, 48. compassionate, 49. rollercoaster, 50. thirst, 51. sprain, 52. tame

53. insect int\_\_\_\_\_nt *n.* a tough outer covering, especially that of an animal or plant, such as a skin or shell
54. t\_\_e a wild beast *v.* to make wild animals domesticated or controlled, especially through specific training; (adjective) not dangerous or afraid of people, either naturally or because of specific training
55. in a eu\_\_\_\_\_ic mood *adj.* an extreme feeling of well-being or excitement
56. a h\_\_e of illusion *n.* atmospheric moisture, dust, or smoke that makes it less clear; a state of mental confusion caused by lack of clarity
57. ox\_\_\_\_\_in-degrading enzyme *n.* a hormone secreted by the pituitary which stimulates contractions of the uterus during labor (= the process of pushing out a baby) and the ejection of milk
58. hea\_\_\_\_\_ing letter *adj.* seeming to be something good and therefore causing gladness and pleasure
59. neu\_\_\_\_\_cal mechanism *adj.* of or relating to chemical processes occurring in neural activity or chemical substance that participates in neural activity
60. qu\_\_\_h a rebellion *v.* to drink liquid so that you satisfy your thirst

ANSWERS: 53. integument, 54. tame, 55. euphoric, 56. haze, 57. oxytocin, 58. heartwarming, 59. neurochemical, 60. quench

## Session 3: Fill in the Blanks

1. Our study focuses on \_\_\_\_\_ changes in the brain.  
*adj.* of or relating to chemical processes occurring in neural activity or chemical substance that participates in neural activity
  
2. I often waste a lot of time \_\_\_\_\_.  
*n.* the act of thinking about something that you would prefer to be doing or have happened to you
  
3. 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
  
4. We enjoyed the \_\_\_\_\_ hospitality of the host.  
*adj.* seeming to be something good and therefore causing gladness and pleasure
  
5. They had experienced the \_\_\_\_\_ of losing two children due to premature births.  
*n.* a feeling of great sadness or disappointment
  
6. Her beautiful voice \_\_\_\_\_ the thirst of an ever-growing audience.  
*v.* to drink liquid so that you satisfy your thirst
  
7. The frequent performances of the \_\_\_\_\_ prove its popularity.  
*n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements
  
8. They finally decided to solve the \_\_\_\_\_ problem.  
*adj.* existing or continuing for a long time

ANSWERS: 1. neurochemical, 2. daydreaming, 3. breakup, 4. heartwarming, 5. heartbreak, 6. quenched, 7. symphony, 8. long-lasting

9. We went on a \_\_\_\_\_ visit to the sightseeing spot.  
*n.* a very strong wind that moves rapidly in circles and causes a lot of damage
10. He read books to quench his \_\_\_\_\_ for knowledge.  
*n.* a feeling of needing something to drink; a strong desire for something
11. We finally divorced after experiencing a \_\_\_\_\_ marriage.  
*n.* a type of amusement ride that goes up and down very steep slopes and around very sudden bends on which people ride in small and open carriages
12. Women may increase \_\_\_\_\_ production through romantic love.  
*n.* a hormone secreted by the pituitary which stimulates contractions of the uterus during labor (= the process of pushing out a baby) and the ejection of milk
13. A deep sigh was \_\_\_\_\_ from his chest.  
*v.* to pull or twist something suddenly or violently
14. He has been \_\_\_\_\_ with her since he met her.  
*v.* to be inspired with a very strong but usually short-lived passion, love, or admiration for someone or something
15. He felt \_\_\_\_\_ and constantly changed his postures.  
*adj.* unwilling or unable to stay still or relax because you are worried and uneasy
16. This flower has milky white petals with a pink \_\_\_\_\_ on its edges.  
*n.* a shade or small amount of a color
17. She \_\_\_\_\_ her ankles when she fell.  
*v.* to injure a joint in your body by a sudden wrenching of it

ANSWERS: 9. whirlwind, 10. thirst, 11. rollercoaster, 12. oxytocin, 13. wrenched, 14. infatuated, 15. restless, 16. tint, 17. sprained

18. For him, a glass of wine was an amount of alcohol sufficient to \_\_\_\_\_.
- v.* (of alcohol or a drug) to make someone lose control of their faculties or behavior
19. She blamed his \_\_\_\_\_ attitudes toward foreigners.
- adj.* relating to, characteristic of, or situated on an island, especially an isolated one; interested only in your own country, group, ideas, etc., and not in those from outside
20. This drug is a type of \_\_\_\_\_ receptor antagonist.
- n.* a hormone secreted by the pituitary which acts to promote the reabsorption of water by the kidneys and increase blood pressure
21. The researchers are \_\_\_\_\_ at the success of observing the black hole.
- adj.* an extreme feeling of well-being or excitement
22. Research shows that damage to the \_\_\_\_\_ cortex leads to increased aggression.
- adj.* in or about the foremost part of the frontal lobe of the brain
23. We have to \_\_\_\_\_ substantial financial deficits at first.
- v.* to make wild animals domesticated or controlled, especially through specific training; (adjective) not dangerous or afraid of people, either naturally or because of specific training
24. Endorphins are a type of \_\_\_\_\_ that gives a sense of well-being.
- n.* a chemical that carries nerve impulses between neurons or between neurons and muscles
25. We couldn't see him through the \_\_\_\_\_ of smoke.
- n.* atmospheric moisture, dust, or smoke that makes it less clear; a state of mental confusion caused by lack of clarity

ANSWERS: 18. intoxicate, 19. insular, 20. vasopressin, 21. euphoric, 22. prefrontal, 23. tame, 24. neurotransmitter, 25. haze

26. I have a \_\_\_\_\_ for nicotine.

*n.* a strong desire of wanting something

27. 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

28. He \_\_\_\_\_ over whether to accept the job offer.

*v.* to spend a long time thinking about a difficult problem and trying to make a decision, especially through worrying

29. My father has a serious and \_\_\_\_\_ personality.

*adj.* feeling or showing sympathy and concern for the suffering or bad luck of others

30. The outer \_\_\_\_\_ protects the seed.

*n.* a tough outer covering, especially that of an animal or plant, such as a skin or shell

ANSWERS: 26. craving, 27. dopamine, 28. agonized, 29. compassionate, 30. integument