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Vocabulary Builder Reference from...

Kimberly Noble: How does income affect childhood brain development? | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

wrinkle

n. a small line or fold in something, especially fabric or the skin of the face; a minor difficulty

synonym: crinkle, fold, crumple

(1) a fine **wrinkle** on a fabric, (2) a facial **wrinkle**

This suit is made of **wrinkle-proof** material.

cortical

adj. relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain

(1) **cortical** neurons, (2) **cortical** activity

The MRI showed activity in the **cortical** region of the patient's brain.

distract

v. to draw someone's attention away from what they are trying to do

synonym: divert, preoccupy, confuse

(1) **distract** attention from the real issue, (2) **distract** public opinion

Please don't **distract** me while I'm studying.

exert

v. to put forth effort; to put into action; to bring into play

synonym: exert, apply, use

(1) **exert** control, (2) **exert** influence

He **exerted** himself to lift the heavyweight.

proportionate

adj. having a proper or suitable balance in size, amount, or degree; corresponding or in proportion to something else

synonym : proportional, commensurate, balanced

(1) **proportionate** response, (2) **proportionate** representation

The judge ruled that the punishment be **proportionate** to the crime committed.

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**.

neuroplasticity

n. the ability of the brain to change and reorganize itself in response to new experiences, learning, or injury, by creating new neural connections and pathways

synonym : brain plasticity, neural remodeling, synaptic plasticity

(1) **neuroplasticity** therapy, (2) experience-dependent **neuroplasticity**

Researchers are currently studying the potential of **neuroplasticity** to treat conditions such as depression and anxiety.

doom

n. death, destruction, or some other terrible situation that cannot be avoided

synonym : judgment, destiny, fate

(1) economic **doom**, (2) prophet of **doom**

Everyone was aware of the impending **doom** but was unable to prevent it.

overstate

v. to exaggerate or make something seem more important or serious than it is

synonym: exaggerate, embellish, magnify

(1) **overstate** the issue, (2) **overstate** the importance
He tends to **overstate** his accomplishments to impress others.

disparity

n. a significant difference or inequality between two or more things

synonym: difference, inequality, gap

(1) the **disparity** between theory and reality, (2) income **disparity**

There is a significant **disparity** in pay between men and women in the company.

secondhand

adj. having been previously owned or used by someone else

synonym: used, pre-owned, recycled

(1) **secondhand** car, (2) **secondhand** information

He was excited to find a vintage suit at the **secondhand** shop for a fraction of the price of a new one.

tantalize

v. to tease or torment by presenting something desirable but out of reach or unattainable; to tempt or lure with the promise of something desirable

synonym: tease, tempt, torment

(1) **tantalize** taste buds, (2) **tantalize** with promises

The smell of freshly baked cookies in the kitchen **tantalized** me.

patronizing

adj. displaying an air of condescension or superiority towards others, often in a way that comes across as insincere or manipulative; demonstrating a condescending or dismissive attitude

synonym: condescending, superior

(1) **patronizing** remark, (2) **patronizing** behavior

The manager's attitude towards his employees was **patronizing**.

swoop

v. to rapidly or forcefully descend upon something or someone from a great height or distance; to rush or pounce upon

synonym : dart, pounce

(1) **swoop** down the water slide, (2) **swoop** up the escalator
The eagle **swooped** down from the sky to catch its prey.

unconditional

adj. not subject to any conditions; absolute or complete; not limited by any qualifications or restrictions

synonym : absolute, complete, unqualified

(1) **unconditional** forgiveness, (2) **unconditional** support
Her love for him was **unconditional**, despite all of his flaws.

correlate

v. to have a connection or relationship in which one thing affects or depends on another

synonym : associate, liken, connect

(1) **correlate** closely with the quality, (2) **correlate** to the size

We may frequently **correlate** age with the frequency of disease.

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym : cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

Session 2: Spelling

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|--|---|
| 1. experience-dependent
neu_____ity | <i>n.</i> the ability of the brain to change and reorganize itself in response to new experiences, learning, or injury, by creating new neural connections and pathways |
| 2. pro_____ate representation | <i>adj.</i> having a proper or suitable balance in size, amount, or degree; corresponding or in proportion to something else |
| 3. unc_____nal support | <i>adj.</i> not subject to any conditions; absolute or complete; not limited by any qualifications or restrictions |
| 4. neu_____ity therapy | <i>n.</i> the ability of the brain to change and reorganize itself in response to new experiences, learning, or injury, by creating new neural connections and pathways |
| 5. a fine wr_____e on a fabric | <i>n.</i> a small line or fold in something, especially fabric or the skin of the face; a minor difficulty |
| 6. co_____te closely with the quality | <i>v.</i> to have a connection or relationship in which one thing affects or depends on another |
| 7. ov_____te the importance | <i>v.</i> to exaggerate or make something seem more important or serious than it is |
| 8. a det_____nt of crop yields | <i>n.</i> a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result |

ANSWERS: 1. neuroplasticity, 2. proportionate, 3. unconditional, 4. neuroplasticity, 5. wrinkle, 6. correlate, 7. overstate, 8. determinant

- | | |
|---|---|
| 9. a theoretical concept in neu_____nce | <i>n.</i> the scientific study of the function, structure, and disorder of the brain and the nervous system |
| 10. di_____ct attention from the real issue | <i>v.</i> to draw someone's attention away from what they are trying to do |
| 11. di_____ct public opinion | <i>v.</i> to draw someone's attention away from what they are trying to do |
| 12. sw__p up the escalator | <i>v.</i> to rapidly or forcefully descend upon something or someone from a great height or distance; to rush or pounce upon |
| 13. prophet of d__m | <i>n.</i> death, destruction, or some other terrible situation that cannot be avoided |
| 14. ta_____ze taste buds | <i>v.</i> to tease or torment by presenting something desirable but out of reach or unattainable; to tempt or lure with the promise of something desirable |
| 15. sw__p down the water slide | <i>v.</i> to rapidly or forcefully descend upon something or someone from a great height or distance; to rush or pounce upon |
| 16. co_____al neurons | <i>adj.</i> relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain |
| 17. co_____al activity | <i>adj.</i> relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain |
| 18. pat_____ng behavior | <i>adj.</i> displaying an air of condescension or superiority towards others, often in a way that comes across as insincere or manipulative; demonstrating a condescending or dismissive attitude |

ANSWERS: 9. neuroscience, 10. distract, 11. distract, 12. swoop, 13. doom, 14. tantalize, 15. swoop, 16. cortical, 17. cortical, 18. patronizing

19. pro_____ate response *adj.* having a proper or suitable balance in size, amount, or degree; corresponding or in proportion to something else
20. ex__t influence *v.* to put forth effort; to put into action; to bring into play
21. ov_____te the issue *v.* to exaggerate or make something seem more important or serious than it is
22. the branch of neu_____nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
23. ex__t control *v.* to put forth effort; to put into action; to bring into play
24. sec_____nd car *adj.* having been previously owned or used by someone else
25. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
26. unc_____nal forgiveness *adj.* not subject to any conditions; absolute or complete; not limited by any qualifications or restrictions
27. income di_____ty *n.* a significant difference or inequality between two or more things
28. ta_____ze with promises *v.* to tease or torment by presenting something desirable but out of reach or unattainable; to tempt or lure with the promise of something desirable
29. co_____te to the size *v.* to have a connection or relationship in which one thing affects or depends on another

ANSWERS: 19. proportionate, 20. exert, 21. overstate, 22. neuroscience, 23. exert, 24. secondhand, 25. determinant, 26. unconditional, 27. disparity, 28. tantalize, 29. correlate

30. a facial wr_____e *n.* a small line or fold in something, especially fabric or the skin of the face; a minor difficulty
31. pat_____ng remark *adj.* displaying an air of condescension or superiority towards others, often in a way that comes across as insincere or manipulative; demonstrating a condescending or dismissive attitude
32. economic d__m *n.* death, destruction, or some other terrible situation that cannot be avoided
33. the di_____ty between theory and reality *n.* a significant difference or inequality between two or more things
34. sec_____nd information *adj.* having been previously owned or used by someone else

ANSWERS: 30. wrinkle, 31. patronizing, 32. doom, 33. disparity, 34. secondhand

Session 3: Fill in the Blanks

1. Everyone was aware of the impending _____ but was unable to prevent it.
n. death, destruction, or some other terrible situation that cannot be avoided
2. This suit is made of _____ material.
n. a small line or fold in something, especially fabric or the skin of the face; a minor difficulty
3. Please don't _____ me while I'm studying.
v. to draw someone's attention away from what they are trying to do
4. He was excited to find a vintage suit at the _____ shop for a fraction of the price of a new one.
adj. having been previously owned or used by someone else
5. The eagle _____ down from the sky to catch its prey.
v. to rapidly or forcefully descend upon something or someone from a great height or distance; to rush or pounce upon
6. The judge ruled that the punishment be _____ to the crime committed.
adj. having a proper or suitable balance in size, amount, or degree; corresponding or in proportion to something else
7. Her love for him was _____ despite all of his flaws.
adj. not subject to any conditions; absolute or complete; not limited by any qualifications or restrictions
8. The MRI showed activity in the _____ region of the patient's brain.
adj. relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain

ANSWERS: 1. doom, 2. wrinkle-proof, 3. distract, 4. secondhand, 5. swooped, 6. proportionate, 7. unconditional, 8. cortical

9. The manager's attitude towards his employees was _____.
- adj.* displaying an air of condescension or superiority towards others, often in a way that comes across as insincere or manipulative; demonstrating a condescending or dismissive attitude
10. One _____ of success is having a positive attitude and a strong work ethic.
- n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
11. He tends to _____ his accomplishments to impress others.
- v.* to exaggerate or make something seem more important or serious than it is
12. 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
13. We may frequently _____ age with the frequency of disease.
- v.* to have a connection or relationship in which one thing affects or depends on another
14. The smell of freshly baked cookies in the kitchen _____ me.
- v.* to tease or torment by presenting something desirable but out of reach or unattainable; to tempt or lure with the promise of something desirable
15. There is a significant _____ in pay between men and women in the company.
- n.* a significant difference or inequality between two or more things

ANSWERS: 9. patronizing, 10. determinant, 11. overstate, 12. neuroscience, 13. correlate, 14. tantalized, 15. disparity

16. Researchers are currently studying the potential of _____ to treat conditions such as depression and anxiety.

- n.* the ability of the brain to change and reorganize itself in response to new experiences, learning, or injury, by creating new neural connections and pathways

17. He _____ himself to lift the heavyweight.

- v.* to put forth effort; to put into action; to bring into play

ANSWERS: 16. neuroplasticity, 17. exerted