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Vocabulary Builder Reference from...

Ilona Stengel: The role of human emotions in science and research | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

Vulcan

n. a hypothetical planet that was once believed to exist between Mercury and the Sun proposed in the 19th century to account for certain irregularities in Mercury's orbit; (of Roman mythology) the god of fire, including the fire of volcanoes, metalworking, and the forge

(1) **Vulcan** asteroid, (2) **Vulcan** god

Vulcan's Forge is a nickname for the island of Hawaii due to its active volcanoes.

contradictory

adj. containing or consisting of conflicting or incompatible elements

synonym: conflicting, opposing, inconsistent

(1) apparently **contradictory**, (2) **contradictory** evidence

His statements were **contradictory**, leaving the audience confused.

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym: give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

diode

n. an electronic component that conducts current primarily in one direction and typically has two electrodes or terminals

synonym : rectifier, valve, semiconductor

(1) light-emitting **diode**, (2) semiconductor **diode**

The **diode** in the circuit prevented the current from flowing in the wrong direction.

smartphone

n. a mobile phone that functions as a computer and connects to the Internet

(1) **smartphone** app developer, (2) **smartphone** addict

Internet traffic volumes have increased significantly with the advent of **smartphones**.

physicist

n. a scientist who specializes in the field of physics

(1) talented **physicist**, (2) theoretical **physicist**

Einstein was an outstanding and famous **physicist** of the 20th century.

discontinue

v. to cease or stop doing something; to interrupt or terminate something that is already ongoing or in progress

synonym : halt, end, cease

(1) **discontinue** a service, (2) **discontinue** a project

The company has decided to **discontinue** the production of its unpopular product line.

restructure

v. to organize a company, business, or system in a new and different way to make it work more effectively

synonym : reorganize, revamp, reconstruct

(1) **restructure** sentence, (2) **restructure** my debts

The economic downturn made it necessary to **restructure** the business.

empower

v. to give someone the power or authority to do something

synonym : authorize, endow, entitle

(1) **empower** my life, (2) **empower** the secretary to do the same

The company **empowered** employees to buy low-price items without approval to achieve efficient purchasing.

mesmerize

v. to captivate or fascinate; to hold the complete attention of

synonym: captivate, trance, enchant

(1) **mesmerize** a subject, (2) **mesmerize** with magic

The magician's performance **mesmerized** the audience.

commercialize

v. to make something available for sale or use on a large scale

synonym: monetize, capitalize, marketize

(1) **commercialize** my patents, (2) **commercialize** idea

The company is trying to **commercialize** its new product.

spoil

v. to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad

synonym: rot, decay, deteriorate

(1) **spoil** a person's sport, (2) **spoil** the surprise

If you leave the milk out of the refrigerator for too long, it will **spoil**.

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.

saga

n. a long, detailed story or account of heroic deeds, family history, or notable events, often consisting of a series of connected episodes

synonym: epic, tale, chronicle

(1) fantasy **saga**, (2) historical **saga**

The epic **saga** of the family's journey through time captivated readers worldwide.

storyline

n. the central narrative or plot of a story, often involving a series of events or conflicts that move the story forward; the overall structure or arc of a story

synonym: plot, narrative

(1) follow a **storyline**, (2) predictable **storyline**

The **storyline** of the movie was predictable but still entertaining.

seize

v. to catch or take hold of someone or something suddenly and forcibly; to capture the attention or imagination of something

synonym: grab, grasp, capture

(1) **seize** a person's property, (2) **seize** the day

He has the superpower to **seize** a business opportunity.

dedicate

v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

synonym: consecrate, devote, commit

(1) **dedicate** a few hours, (2) **dedicate** a chapter to the subject

He **dedicated** his life to helping others.

Session 2: Spelling

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|------------------------------|--|
| 1. com_____ize my patents | <i>v.</i> to make something available for sale or use on a large scale |
| 2. se__e a person's property | <i>v.</i> to catch or take hold of someone or something suddenly and forcibly; to capture the attention or imagination of something |
| 3. fantasy s__a | <i>n.</i> a long, detailed story or account of heroic deeds, family history, or notable events, often consisting of a series of connected episodes |
| 4. apparently con_____ory | <i>adj.</i> containing or consisting of conflicting or incompatible elements |
| 5. historical s__a | <i>n.</i> a long, detailed story or account of heroic deeds, family history, or notable events, often consisting of a series of connected episodes |
| 6. environmental det_____nt | <i>n.</i> a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result |
| 7. em_____r my life | <i>v.</i> to give someone the power or authority to do something |
| 8. semiconductor di__e | <i>n.</i> an electronic component that conducts current primarily in one direction and typically has two electrodes or terminals |
| 9. me_____ze with magic | <i>v.</i> to captivate or fascinate; to hold the complete attention of |

ANSWERS: 1. commercialize, 2. seize, 3. saga, 4. contradictory, 5. saga, 6. determinant, 7. empower, 8. diode, 9. mesmerize

10. res_____re sentence *v.* to organize a company, business, or system in a new and different way to make it work more effectively
11. predictable st_____ne *n.* the central narrative or plot of a story, often involving a series of events or conflicts that move the story forward; the overall structure or arc of a story
12. dis_____ue a service *v.* to cease or stop doing something; to interrupt or terminate something that is already ongoing or in progress
13. com_____ize idea *v.* to make something available for sale or use on a large scale
14. se__e the day *v.* to catch or take hold of someone or something suddenly and forcibly; to capture the attention or imagination of something
15. theoretical ph_____st *n.* a scientist who specializes in the field of physics
16. res_____re my debts *v.* to organize a company, business, or system in a new and different way to make it work more effectively
17. dis_____ue a project *v.* to cease or stop doing something; to interrupt or terminate something that is already ongoing or in progress
18. Vu___n asteroid *n.* a hypothetical planet that was once believed to exist between Mercury and the Sun proposed in the 19th century to account for certain irregularities in Mercury's orbit; (of Roman mythology) the god of fire, including the fire of volcanoes, metalworking, and the forge

ANSWERS: 10. restructure, 11. storyline, 12. discontinue, 13. commercialize, 14. seize, 15. physicist, 16. restructure, 17. discontinue, 18. Vulcan

19. Vu___n god *n.* a hypothetical planet that was once believed to exist between Mercury and the Sun proposed in the 19th century to account for certain irregularities in Mercury's orbit; (of Roman mythology) the god of fire, including the fire of volcanoes, metalworking, and the forge
20. follow a st_____ne *n.* the central narrative or plot of a story, often involving a series of events or conflicts that move the story forward; the overall structure or arc of a story
21. light-emitting di___e *n.* an electronic component that conducts current primarily in one direction and typically has two electrodes or terminals
22. em_____r the secretary to do the same *v.* to give someone the power or authority to do something
23. talented ph_____st *n.* a scientist who specializes in the field of physics
24. e__t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
25. sma_____ne app developer *n.* a mobile phone that functions as a computer and connects to the Internet
26. sp__l a person's sport *v.* to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad
27. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
28. me_____ze a subject *v.* to captivate or fascinate; to hold the complete attention of

ANSWERS: 19. Vulcan, 20. storyline, 21. diode, 22. empower, 23. physicist, 24. emit, 25. smartphone, 26. spoil, 27. emit, 28. mesmerize

29. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
30. de_____te a few hours *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
31. de_____te a chapter to the subject *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
32. con_____ory evidence *adj.* containing or consisting of conflicting or incompatible elements
33. sp__l the surprise *v.* to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad
34. sma_____ne addict *n.* a mobile phone that functions as a computer and connects to the Internet

ANSWERS: 29. determinant, 30. dedicate, 31. dedicate, 32. contradictory, 33. spoil, 34. smartphone

Session 3: Fill in the Blanks

1. If you leave the milk out of the refrigerator for too long, it will _____.
 - v. to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad

2. The economic downturn made it necessary to _____ the business.
 - v. to organize a company, business, or system in a new and different way to make it work more effectively

3. The company has decided to _____ the production of its unpopular product line.
 - v. to cease or stop doing something; to interrupt or terminate something that is already ongoing or in progress

4. 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

5. He _____ his life to helping others.
 - v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

6. He has the superpower to _____ a business opportunity.
 - v. to catch or take hold of someone or something suddenly and forcibly; to capture the attention or imagination of something

7. His statements were _____ leaving the audience confused.
 - adj. containing or consisting of conflicting or incompatible elements

ANSWERS: 1. spoil, 2. restructure, 3. discontinue, 4. determinant, 5. dedicated, 6. seize, 7. contradictory,

8. The _____ of the movie was predictable but still entertaining.
- n.* the central narrative or plot of a story, often involving a series of events or conflicts that move the story forward; the overall structure or arc of a story
9. _____ Forge is a nickname for the island of Hawaii due to its active volcanoes.
- n.* a hypothetical planet that was once believed to exist between Mercury and the Sun proposed in the 19th century to account for certain irregularities in Mercury's orbit; (of Roman mythology) the god of fire, including the fire of volcanoes, metalworking, and the forge
10. The _____ in the circuit prevented the current from flowing in the wrong direction.
- n.* an electronic component that conducts current primarily in one direction and typically has two electrodes or terminals
11. The magician's performance _____ the audience.
- v.* to captivate or fascinate; to hold the complete attention of
12. During the unloading, the container box _____ a clicking sound.
- v.* to give off or send out something such as light, heat, sound, gas, etc.
13. Internet traffic volumes have increased significantly with the advent of _____.
- n.* a mobile phone that functions as a computer and connects to the Internet
14. Einstein was an outstanding and famous _____ of the 20th century.
- n.* a scientist who specializes in the field of physics
15. The company is trying to _____ its new product.
- v.* to make something available for sale or use on a large scale

ANSWERS: 8. storyline, 9. Vulcan's, 10. diode, 11. mesmerized, 12. emits, 13. smartphones, 14. physicist, 15. commercialize

16. The epic _____ of the family's journey through time captivated readers worldwide.
- n.* a long, detailed story or account of heroic deeds, family history, or notable events, often consisting of a series of connected episodes
17. The company _____ employees to buy low-price items without approval to achieve efficient purchasing.
- v.* to give someone the power or authority to do something

ANSWERS: 16. saga, 17. empowered