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Vocabulary Builder Reference from...

Dennis E. Shasha: Can you solve Dongle's Difficult Dilemma? | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

molten

adj. in a liquid state as a result of being heated

synonym: melted, liquefied, fused

(1) a **molten** image, (2) **molten** lava

The **molten** metal was poured into the mold.

galactic

adj. relating to or concerning the galaxy or galaxies; having characteristics or qualities that are vast, extensive, or cosmic in scope

synonym: cosmic, celestial, enormous

(1) **galactic** scale, (2) a **galactic** system

The Milky Way is a **galactic** collection of billions of stars and planets.

terraform

v. to transform the environment or land of a planet, moon, or other celestial body to make it habitable for life, typically by introducing or modifying the atmosphere, temperature, or topography

(1) **terraform** Mars, (2) **terraform** the planet

The company plans to **terraform** the barren land into a lush green park.

hexagon

n. a six-sided polygon with six angles and six sides of equal length

synonym : hexahedron, six-sided figure, six-gon

(1) **hexagon** head bolt, (2) **hexagon** pattern

The honeycomb structure of a beehive is made up of **hexagons**.

dungeon

n. a room or cell in which prisoners are held, especially underground

synonym : prison, cell, lockup

(1) medieval **dungeon**, (2) a murky **dungeon**

The prisoner has been languishing for years in the castle **dungeon**.

reinvent

v. to change something so drastically that it looks to be completely new

synonym : recreate, remake, revive

(1) **reinvent** local dishes, (2) **reinvent** our life

They have tried to **reinvent** their grocery stores.

enslave

v. to make someone a slave; to deprive someone of their freedom of choice or action

synonym : coerce, deprive, imprison

(1) **enslave** poor peasants, (2) **enslave** indigenous people

Her beauty **enslaved** me completely.

recreate

v. to make something that existed previously happen or appear to exist again

synonym : renovate, vivify, revive

(1) **recreate** a single country, (2) **recreate** the feeling of the 1920s

She **recreated** the atmosphere of the pre-war age with her stage setting.

dastard

n. a dishonorable or despicable coward

synonym : coward, chicken, cad

(1) you **dastard**, (2) the **dastard's** way of thinking

You cannot criticize him as an arrogant **dastard**.

dangle

v. to hang or swing loosely, especially in a way that suggests instability or lack of support; to tempt or tantalize by holding out the prospect of something desirable but uncertain

synonym : swing, hang, drape

(1) **dangle** a carrot, (2) **dangle** a pendant

The earring on her earlobe would **dangle** as she moved her head.

divisible

adj. able to be divided into parts, usually with nothing left over

synonym : separable, splittable, partitionable

(1) a **divisible** number, (2) exactly **divisible**

The class was divided into groups of four, with each group being **divisible** by two.

rev

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

synonym : revolution, RPM, speed

(1) low- **rev** engine, (2) **rev** up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

ingenuity

n. the quality of inventing things or solving problems in clever new ways

synonym : creativity, invention, originality

(1) the infinite **ingenuity** of man, (2) abound in **ingenuity**

Creativity and **ingenuity** are often brought about by extreme concentration.

Session 2: Spelling

1. a mo___n image *adj.* in a liquid state as a result of being heated
2. exactly di_____le *adj.* able to be divided into parts, usually with nothing left over
3. en_____e poor peasants *v.* to make someone a slave; to deprive someone of their freedom of choice or action
4. mo___n lava *adj.* in a liquid state as a result of being heated
5. the infinite in_____ty of man *n.* the quality of inventing things or solving problems in clever new ways
6. r_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
7. a di_____le number *adj.* able to be divided into parts, usually with nothing left over
8. low-r_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
9. ga_____ic scale *adj.* relating to or concerning the galaxy or galaxies; having characteristics or qualities that are vast, extensive, or cosmic in scope

ANSWERS: 1. molten, 2. divisible, 3. enslave, 4. molten, 5. ingenuity, 6. rev, 7. divisible, 8. rev, 9. galactic

10. re_____te a single country *v.* to make something that existed previously happen or appear to exist again
11. medieval du_____n *n.* a room or cell in which prisoners are held, especially underground
12. te_____rm Mars *v.* to transform the environment or land of a planet, moon, or other celestial body to make it habitable for life, typically by introducing or modifying the atmosphere, temperature, or topography
13. re_____nt our life *v.* to change something so drastically that it looks to be completely new
14. da____e a pendant *v.* to hang or swing loosely, especially in a way that suggests instability or lack of support; to tempt or tantalize by holding out the prospect of something desirable but uncertain
15. he_____n head bolt *n.* a six-sided polygon with six angles and six sides of equal length
16. he_____n pattern *n.* a six-sided polygon with six angles and six sides of equal length
17. re_____nt local dishes *v.* to change something so drastically that it looks to be completely new
18. da____e a carrot *v.* to hang or swing loosely, especially in a way that suggests instability or lack of support; to tempt or tantalize by holding out the prospect of something desirable but uncertain

ANSWERS: 10. recreate, 11. dungeon, 12. terraform, 13. reinvent, 14. dangle, 15. hexagon, 16. hexagon, 17. reinvent, 18. dangle

19. en____e indigenous people *v.* to make someone a slave; to deprive someone of their freedom of choice or action
20. the da____d's way of thinking *n.* a dishonorable or despicable coward
21. re____te the feeling of the 1920s *v.* to make something that existed previously happen or appear to exist again
22. te____rm the planet *v.* to transform the environment or land of a planet, moon, or other celestial body to make it habitable for life, typically by introducing or modifying the atmosphere, temperature, or topography
23. a murky du____n *n.* a room or cell in which prisoners are held, especially underground
24. you da____d *n.* a dishonorable or despicable coward
25. abound in in____ty *n.* the quality of inventing things or solving problems in clever new ways
26. a ga____ic system *adj.* relating to or concerning the galaxy or galaxies; having characteristics or qualities that are vast, extensive, or cosmic in scope

ANSWERS: 19. enslave, 20. dastard, 21. recreate, 22. terraform, 23. dungeon, 24. dastard, 25. ingenuity, 26. galactic

Session 3: Fill in the Blanks

1. The earring on her earlobe would _____ as she moved her head.
 - v. to hang or swing loosely, especially in a way that suggests instability or lack of support; to tempt or tantalize by holding out the prospect of something desirable but uncertain

2. He stepped on the gas pedal, and the engine released a loud _____.
 - n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

3. Her beauty _____ me completely.
 - v. to make someone a slave; to deprive someone of their freedom of choice or action

4. The prisoner has been languishing for years in the castle _____.
 - n. a room or cell in which prisoners are held, especially underground

5. You cannot criticize him as an arrogant _____.
 - n. a dishonorable or despicable coward

6. The class was divided into groups of four, with each group being _____ by two.
 - adj. able to be divided into parts, usually with nothing left over

7. The Milky Way is a _____ collection of billions of stars and planets.
 - adj. relating to or concerning the galaxy or galaxies; having characteristics or qualities that are vast, extensive, or cosmic in scope

ANSWERS: 1. dangle, 2. rev, 3. enslaved, 4. dungeon, 5. dastard, 6. divisible, 7. galactic

8. The honeycomb structure of a beehive is made up of _____.
- n.* a six-sided polygon with six angles and six sides of equal length
9. She _____ the atmosphere of the pre-war age with her stage setting.
- v.* to make something that existed previously happen or appear to exist again
10. The _____ metal was poured into the mold.
- adj.* in a liquid state as a result of being heated
11. Creativity and _____ are often brought about by extreme concentration.
- n.* the quality of inventing things or solving problems in clever new ways
12. They have tried to _____ their grocery stores.
- v.* to change something so drastically that it looks to be completely new
13. The company plans to _____ the barren land into a lush green park.
- v.* to transform the environment or land of a planet, moon, or other celestial body to make it habitable for life, typically by introducing or modifying the atmosphere, temperature, or topography

ANSWERS: 8. hexagons, 9. recreated, 10. molten, 11. ingenuity, 12. reinvent, 13. terraform