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Vocabulary Builder Reference from...

Matteo Fadel: Can you win a game of quantum foosball? | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

unwind

v. to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something

synonym: relax, de-stress, unroll

(1) **unwind** after work, (2) **unwind** on vacation

I like to **unwind** with a good book after a long day at work.

gleam

v. to reflect light in a way that creates a shining or bright and attractive appearance; to become visible or apparent

synonym: glitter, shimmer, shine

(1) **gleam** in eyes, (2) **gleam** like honey

The diamond ring **gleamed** in the sunlight, catching everyone's eye.

fanfare

n. a short, loud, and attention-grabbing burst of sound, often to announce or celebrate something special; a flourished or ostentatious display or demonstration

synonym: celebration, parade, ceremony

(1) **fanfare** announcement, (2) royal **fanfare**

The team arrived in a flurry of **fanfare** after winning the championship.

Newtonian

adj. relating to Sir Isaac Newton or his laws of motion and universal gravitation

synonym: classical, physics, mechanics

(1) **Newtonian** physics, (2) **Newtonian** mechanics

The motion of planets can be described using **Newtonian** mechanics.

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.

spit

v. to eject saliva or other liquid from the mouth

synonym: expectorate, saliva, spew

(1) **spit** a bullet, (2) **spit** a mouthful of saliva

She tried to **spit** out the gum that she had been chewing.

mast

n. a long pole aboard a boat or ship that holds up the sails

(1) **mast** height, (2) built-up **mast**

The main cabin is located in front of the **mast**.

maneuver

n. a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage

synonym: gimmick, trick, action

(1) political **maneuvers**, (2) made a great **maneuver**

In this class, we learn the basic **maneuver** of the plane.

superposition

n. a principle in physics that describes the combination or overlaying of two or more waves or states of matter; (of geology) the process by which layers of rock or sediment are deposited on top of one another over time

synonym: overlay, overlap

(1) quantum **superposition**, (2) **superposition** theorem
The **superposition** of waves can result in either constructive or destructive interference.

Session 2: Spelling

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|------------------------------|---|
| 1. royal fa_____e | <i>n.</i> a short, loud, and attention-grabbing burst of sound, often to announce or celebrate something special; a flourished or ostentatious display or demonstration |
| 2. s__t a mouthful of saliva | <i>v.</i> to eject saliva or other liquid from the mouth |
| 3. built-up m__t | <i>n.</i> a long pole aboard a boat or ship that holds up the sails |
| 4. made a great ma_____er | <i>n.</i> a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage |
| 5. Ne_____an physics | <i>adj.</i> relating to Sir Isaac Newton or his laws of motion and universal gravitation |
| 6. un___d after work | <i>v.</i> to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something |
| 7. 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 |
| 8. un___d on vacation | <i>v.</i> to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something |

ANSWERS: 1. fanfare, 2. spit, 3. mast, 4. maneuver, 5. Newtonian, 6. unwind, 7. determinant, 8. unwind

9. quantum sup_____ion *n.* a principle in physics that describes the combination or overlaying of two or more waves or states of matter; (of geology) the process by which layers of rock or sediment are deposited on top of one another over time
10. gl__m in eyes *v.* to reflect light in a way that creates a shining or bright and attractive appearance; to become visible or apparent
11. s__t a bullet *v.* to eject saliva or other liquid from the mouth
12. Ne_____an mechanics *adj.* relating to Sir Isaac Newton or his laws of motion and universal gravitation
13. 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
14. sup_____ion theorem *n.* a principle in physics that describes the combination or overlaying of two or more waves or states of matter; (of geology) the process by which layers of rock or sediment are deposited on top of one another over time
15. fa_____e announcement *n.* a short, loud, and attention-grabbing burst of sound, often to announce or celebrate something special; a flourished or ostentatious display or demonstration
16. political ma_____ers *n.* a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage

ANSWERS: 9. superposition, 10. gleam, 11. spit, 12. Newtonian, 13. determinant, 14. superposition, 15. fanfare, 16. maneuver

17. gl__m like honey

v. to reflect light in a way that creates a shining or bright and attractive appearance; to become visible or apparent

18. m__t height

n. a long pole aboard a boat or ship that holds up the sails

ANSWERS: 17. gleam, 18. mast

Session 3: Fill in the Blanks

1. I like to _____ with a good book after a long day at work.
 - v. to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something

2. The main cabin is located in front of the _____.
 - n. a long pole aboard a boat or ship that holds up the sails

3. The diamond ring _____ in the sunlight, catching everyone's eye.
 - v. to reflect light in a way that creates a shining or bright and attractive appearance; to become visible or apparent

4. She tried to _____ out the gum that she had been chewing.
 - v. to eject saliva or other liquid from the mouth

5. In this class, we learn the basic _____ of the plane.
 - n. a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage

6. The _____ of waves can result in either constructive or destructive interference.
 - n. a principle in physics that describes the combination or overlaying of two or more waves or states of matter; (of geology) the process by which layers of rock or sediment are deposited on top of one another over time

7. The motion of planets can be described using _____ mechanics.
 - adj. relating to Sir Isaac Newton or his laws of motion and universal gravitation

ANSWERS: 1. unwind, 2. mast, 3. gleamed, 4. spit, 5. maneuver, 6. superposition, 7. Newtonian

8. 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
9. The team arrived in a flurry of _____ after winning the championship.
- n.* a short, loud, and attention-grabbing burst of sound, often to announce or celebrate something special; a flourish or ostentatious display or demonstration

ANSWERS: 8. determinant, 9. fanfare