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Vocabulary Builder Reference from...

Alexandros Charalambides: Why aren't we only using solar power? | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

deviate

v. to depart from an established course or plan; to change direction or take a different route or approach

synonym : stray, diverge, veer

(1) **deviate** from the norm, (2) **deviate** from the plan

It's important not to **deviate** from the established safety procedures.

irradiance

n. the state or quality of being radiant or emitting rays of light or energy; brightness or brilliance

synonym : brightness, radiance, glow

(1) soft **irradiance**, (2) global **irradiance**

The sunlight reflected off the water with brilliant **irradiance**, creating a breathtaking view.

deflect

v. to cause something, especially a criticism or attack, to be directed away from someone

synonym : deter, redirect, sidetrack

(1) **deflect** a blow, (2) **deflect** his criticism

The soccer player was able to **deflect** the ball away from the goal.

diffuse

adj. spread out widely; not concentrated in one place

synonym : spread, scatter

(1) **diffuse** bleeding, (2) **diffuse** cloud

Direct lighting is preferable to **diffuse** lighting when reading.

electrify

v. to make a machine or system work by using electricity;
to make someone extremely enthusiastic about or
interested in something

synonym: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing
process

The product developed through years of research continues
to **electrify** the market.

photovoltaics

n. a branch of technology that involves the conversion of
sunlight into electricity using solar cells or other
photoelectric devices; the generation of electricity
directly from sunlight, typically using solar panels

synonym: solar cells, solar power

(1) **photovoltaics** recycling initiatives, (2) **photovoltaics**
system

The development of thin-film **photovoltaics** has allowed for a
wider range of applications in building design.

cumulus

n. a type of dense, white, fluffy cloud with a rounded shape
and a flat base, often associated with fair weather but
can also develop into larger, more towering clouds
(cumulonimbus) that bring thunderstorms

synonym: heap, pile, stack

(1) **cumulus** cloudscape, (2) **cumulus** formation

The sky was filled with fluffy **cumulus** clouds on a sunny day.

scatter

v. to cause to separate and go in different directions

synonym: disperse, spread, bestrew

(1) **scatter** seeds, (2) **scatter** around the internet

The hunter's approach **scattered** the geese.

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.

fluctuate

v. to rise and fall irregularly or unexpectedly; to vary or change often and unpredictably

synonym: vary, oscillate, sway

(1) **fluctuate** prices, (2) **fluctuate** rapidly

Stock prices **fluctuate** daily based on market demand and supply.

fluctuation

n. a change, or the process of changing, that frequently happens, especially from one extreme to another; the quality of being unsteady and subject to changes

synonym: change, instability, flux

(1) price **fluctuations**, (2) **fluctuation** of water level

Temperature **fluctuations** are often milder in oceanfront areas.

knob

n. a round handle, especially one used for opening or closing a door, drawer, or cabinet

synonym: handle, lever

(1) handy **knob**, (2) **knob** closure

The **knob** on the drawer was loose and needed to be tightened.

tempt

v. to make someone want to do or have something, especially something that is unnecessary or wrong

synonym: entice, lure, attract

(1) **tempt** young people, (2) **tempt** the taste buds

Though he was evil, he never **tempted** his friends into wrongdoing.

Session 2: Spelling

1. pho_____ics system
n. a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels
2. global irr_____ce
n. the state or quality of being radiant or emitting rays of light or energy; brightness or brilliance
3. di_____e bleeding
adj. spread out widely; not concentrated in one place
4. a mo___n image
adj. in a liquid state as a result of being heated
5. de_____t a blow
v. to cause something, especially a criticism or attack, to be directed away from someone
6. sc_____r seeds
v. to cause to separate and go in different directions
7. cu_____s formation
n. a type of dense, white, fluffy cloud with a rounded shape and a flat base, often associated with fair weather but can also develop into larger, more towering clouds (cumulonimbus) that bring thunderstorms
8. soft irr_____ce
n. the state or quality of being radiant or emitting rays of light or energy; brightness or brilliance

ANSWERS: 1. photovoltaics, 2. irradiance, 3. diffuse, 4. molten, 5. deflect, 6. scatter, 7. cumulus, 8. irradiance

9. handy k__b *n.* a round handle, especially one used for opening or closing a door, drawer, or cabinet
10. de_____e from the plan *v.* to depart from an established course or plan; to change direction or take a different route or approach
11. k__b closure *n.* a round handle, especially one used for opening or closing a door, drawer, or cabinet
12. te__t the taste buds *v.* to make someone want to do or have something, especially something that is unnecessary or wrong
13. fl_____te rapidly *v.* to rise and fall irregularly or unexpectedly; to vary or change often and unpredictably
14. de_____t his criticism *v.* to cause something, especially a criticism or attack, to be directed away from someone
15. te__t young people *v.* to make someone want to do or have something, especially something that is unnecessary or wrong
16. price flu_____ons *n.* a change, or the process of changing, that frequently happens, especially from one extreme to another; the quality of being unsteady and subject to changes
17. el_____fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 9. knob, 10. deviate, 11. knob, 12. tempt, 13. fluctuate, 14. deflect, 15. tempt, 16. fluctuation, 17. electrify

18. di_____e cloud *adj.* spread out widely; not concentrated in one place
19. flu_____on of water level *n.* a change, or the process of changing, that frequently happens, especially from one extreme to another; the quality of being unsteady and subject to changes
20. el_____fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
21. de_____e from the norm *v.* to depart from an established course or plan; to change direction or take a different route or approach
22. mo____n lava *adj.* in a liquid state as a result of being heated
23. cu_____s cloudscape *n.* a type of dense, white, fluffy cloud with a rounded shape and a flat base, often associated with fair weather but can also develop into larger, more towering clouds (cumulonimbus) that bring thunderstorms
24. fl_____te prices *v.* to rise and fall irregularly or unexpectedly; to vary or change often and unpredictably
25. pho_____ics recycling initiatives *n.* a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels

ANSWERS: 18. diffuse, 19. fluctuation, 20. electrify, 21. deviate, 22. molten, 23. cumulus, 24. fluctuate, 25. photovoltaics

26. sc____r around the internet

v. to cause to separate and go in different directions

ANSWERS: 26. scatter

Session 3: Fill in the Blanks

1. The _____ on the drawer was loose and needed to be tightened.
n. a round handle, especially one used for opening or closing a door, drawer, or cabinet

2. The development of thin-film _____ has allowed for a wider range of applications in building design.
n. a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels

3. Stock prices _____ daily based on market demand and supply.
v. to rise and fall irregularly or unexpectedly; to vary or change often and unpredictably

4. The product developed through years of research continues to _____ the market.
v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

5. The sunlight reflected off the water with brilliant _____ creating a breathtaking view.
n. the state or quality of being radiant or emitting rays of light or energy; brightness or brilliance

6. The sky was filled with fluffy _____ clouds on a sunny day.
n. a type of dense, white, fluffy cloud with a rounded shape and a flat base, often associated with fair weather but can also develop into larger, more towering clouds (cumulonimbus) that bring thunderstorms

ANSWERS: 1. knob, 2. photovoltaics, 3. fluctuate, 4. electrify, 5. irradiance, 6. cumulus

7. Though he was evil, he never _____ his friends into wrongdoing.
v. to make someone want to do or have something, especially something that is unnecessary or wrong
8. The _____ metal was poured into the mold.
adj. in a liquid state as a result of being heated
9. It's important not to _____ from the established safety procedures.
v. to depart from an established course or plan; to change direction or take a different route or approach
10. Direct lighting is preferable to _____ lighting when reading.
adj. spread out widely; not concentrated in one place
11. Temperature _____ are often milder in oceanfront areas.
n. a change, or the process of changing, that frequently happens, especially from one extreme to another; the quality of being unsteady and subject to changes
12. The hunter's approach _____ the geese.
v. to cause to separate and go in different directions
13. The soccer player was able to _____ the ball away from the goal.
v. to cause something, especially a criticism or attack, to be directed away from someone

ANSWERS: 7. tempted, 8. molten, 9. deviate, 10. diffuse, 11. fluctuations, 12. scattered, 13. deflect