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Vocabulary Builder Reference from...

Jordan Wirfs-Brock: The four things you need to know about the energy you use | TED Talk https://www.ted.com/talks/jordan_wirfs_brock_the_fo ur_things_you_need_to_know_about_the_energy_yo u_use



Advanced Words Only

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Session 1: Word List

proclaim

- v. to announce or state something publicly and forcefully synonym: announce, declare, trumpet
- (1) proclaim victory, (2) proclaim law

The leader **proclaimed** a state of emergency in the country.

nerd

 a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.

synonym: geek, techie, wonk

(1) a computer nerd, (2) nerd neckHe was, by nature, a cyber nerd.

guinea

 a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic

synonym: coin, money, currency

(1) guinea coins, (2) guinea pig

The cost of the antique vase is three **guineas**.

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.

estranged

adj. separated or alienated from someone or something that was once familiar or close; emotionally detached or distant due to a breakdown in a relationship or connection

synonym: alienated, distant, estrous

(1) **estranged** relationship, (2) become **estranged**After years of not speaking to each other, the **estranged**family members finally reunited.

stump

 to cause to be perplexed or confused; (noun) the base part of a tree that remains standing after the tree has been felled

synonym: mix up

(1) the riddle **stumped** everybody, (2) we are **stumped** with the problem

He is **stumped** with the question.

insignificant

adj. of little importance, influence, or power synonym: unimportant, trivial, irrelevant

(1) **insignificant** amount, (2) an **insignificant** mistake He made me feel small and **insignificant**.

embarrass

- v. to cause someone to feel awkward, worried, or ashamed synonym: disconcert, unsettle, agitate
- (1) **embarrass** political enemy, (2) **embarrass** my project He looked for an opportunity to **embarrass** that actor in public.

rekindle

v. to revive or renew something that was previously lost or forgotten, often a relationship or feeling

synonym: revitalize, reignite, revive

(1) rekindle love, (2) rekindle hope

The couple tried to **rekindle** their relationship by spending more time together.

estrangement

- n. the state of being separated or distant, especially in a relationship or between family members or friends
 synonym: alienation, separation, detachment
- (1) **estrangement** from family, (2) emotional **estrangement** The **estrangement** between the two friends lasted for years.

brainstorming

- a group activity or business method in which a group of people meet and think about something at the same time to solve a problem or to create good ideas
- (1) **brainstorming** session, (2) do a **brainstorming** about a new product

Many companies employ **brainstorming** as a good way of generating innovative ideas.

neuron

- a cell that is specialized to carry information within the brain and between the brain and other parts of the body
 synonym: nerve cell
- (1) excite the **neurons**, (2) **neuron** cell body Our body transfers information along each **neuron** using an electrical impulse.

montage

- n. a sequence of images, sounds, or clips that are combined to convey a particular message or emotionsynonym: collage, mosaic, compilation
- (1) **montage** sequence, (2) photographic **montage**The film used a **montage** of images to show the progress of the character's journey over time.

chop

v. to cut something into pieces with a sharp tool, such as a knife

synonym: cut, hack, slice

(1) chop wood, (2) chop a meet with a knife

The cook **chopped** the vegetables for the soup.

supercomputer

 a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing

synonym: high-performance computer, mainframe, giant computer

(1) **supercomputer** performance, (2) **supercomputer** technology

China has developed one of the world's fastest **supercomputers** for its space program.

domesticate

v. to take control of animals or plants to provide food, power, or company

synonym: tame, naturalize, cultivate

(1) easy to **domesticate**, (2) **domesticate** the plant We **domesticate** cows to gain milk and meat.

windmill

n. a machine that uses wind power to generate mechanical energy or electricity

synonym: wind turbine, aerogenerator

(1) windmill blades, (2) windmill energy

The countryside was dotted with picturesque windmills.

battalion

 a large, organized military unit composed of several companies, typically commanded by a lieutenant colonel or a major

synonym: unit, regiment, squad

(1) infantry battalion, (2) armored battalion

The enemy forces were no match for the well-trained battalion.

Zeus

n. the king of the gods in ancient Greek mythology, who was the god of the sky and thunder, and was the most powerful of the Olympian gods, who resided on Mount Olympus

synonym: king of gods, god of thunder, ruler of olympus

(1) **Zeus** statue, (2) greek mythology **Zeus**The temple of **Zeus** at Olympia was one of the Seven Wonders of the Ancient World.

WOO

v. to seek the affection or favor of someone; to court or pursue someone romantically or with flattery

synonym: court, pursue, charm

(1) **woo** consumers, (2) **woo** voters with promises He tried to **woo** her with his charm and wit.

scree

 a mass of small, loose fragments of rock that may have accumulated at the base of a cliff or mountain slope, often forming a talus or scree slope

synonym: boulder, pebble, rock

(1) scree pile, (2) gravelly scree

The hiker lost his footing on the **scree** slope and fell down the mountainside.

ordeal

 a painful, difficult, or dangerous experience or trial; a severe test of endurance or patience

synonym: trial, hardship, torment

(1) **ordeal** by fire, (2) emotional **ordeal**

The car accident was a traumatic **ordeal** for everyone involved.

bloated

 adj. having an abnormally swollen or enlarged appearance, often due to an accumulation of fluid or excessive consumption of food or drink

synonym: swollen, inflated, puffed-up

(1) bloated budget, (2) bloated feeling

Her stomach was visibly **bloated** after eating a large meal.

vomit

v. to eject food, blood, etc., from the stomach through the mouth; (noun) the matter ejected from the stomach through the mouth

synonym: puke, throw up, spew

(1) **vomit** abuse, (2) **vomit** after ingesting

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She felt sick and had to run to the bathroom to vomit.

skyrocket

- v. to rapidly ascend to a very high level; increase rapidly; synonym: rocket, soar, shoot up
- (1) **skyrocket** the cost, (2) price **skyrocketed**Production has decreased, but costs and unemployment have **skyrocketed** dramatically.

smoothie

n. a thick, blended beverage made from fruits, vegetables, and often other ingredients such as yogurt, milk, or protein powder; a person, typically a man, who is suave, charming, and polished

synonym: shake, smoothie, blended drink

(1) smoothie recipe, (2) fruit smoothie

She blended strawberries, yogurt, and ice to make a delicious **smoothie** for breakfast.

substation

 a facility where high-voltage electric power is transformed to a lower voltage, allowing the energy to be distributed through power lines to homes and businesses

synonym: power plant, electrical grid

(1) distribution substation,(2) power substationA malfunction at the substation caused the power outage.

instinct

 an inborn behavioral pattern that is often responsive to specific stimuli; an innate feeling that causes you to act or believe that something is true

synonym: intuition, aptitude, feeling

(1) **instinct** for self-preservation, (2) aggressive **instinct** When faced with a dangerous situation, his initial **instinct** was to flee.

disengage

to withdraw or separate oneself from a situation or relationship

synonym: withdraw, separate, detach

(1) disengage the clutch, (2) disengage socially

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He **disengaged** from the conversation and walked away.

complication

n. something that makes a situation or condition that is complex or confused

synonym: confusion, complexity, difficulty

(1) **complication** of structure, (2) resolve without **complication**

He also continued to struggle with serious long-term **complications**.

geopolitical

- adj. of or relating to political activity or relations between countries and groups of countries, as influenced by the physical features of a country or area
- (1) the **geopolitical** situations, (2) reduce **geopolitical** risk The country holds dominant **geopolitical** power over its neighbors.

crux

 the most important or fundamental part of a matter or situation; the key point or central issue

synonym: heart, core, essence

(1) main **crux**, (2) the **crux** of the argument The **crux** of the matter was that the company was not financially stable.

bleak

 adj. unlikely to be favorable; unpleasantly cold and damp; offering little or no hope

synonym: miserable, pathetic, dim

(1) prospects were bleak, (2) bleak future

The political landscape looks **bleak** without a change of administration.

habituate

 to accustom or become accustomed to a particular situation, habit, or behavior through repeated exposure or experience; to make something a habit or regular practice

synonym: accustom, familiarize, adapt

(1) habituate to coffee, (2) habituate to exercise

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It takes time to **habituate** to a new work schedule, but eventually, it becomes routine.

dissipated

adj. dispersed or scattered in different directions; wasted or squandered on excessive or extravagant pleasures such as drinking, partying, or gambling; characterized by a lack of focus or discipline

synonym: debauched, dissolute, decadent

(1) **dissipated** lifestyle, (2) **dissipated** energy His **dissipated** behavior at the party concerned his friends, who wondered if he had a substance abuse problem.

peek

 a quick or furtive look; (verb) to take a quick and secret look at something

synonym: glimpse, look, glance

sneak peek, (2) peek at others' misfortune
 she took a quick peek inside the box before closing it again.

reconnect

- v. to connect again after a break or interruption synonym: reopen, rejoin, link up
- (1) **reconnect** a telephone, (2) **reconnect** with family After a long period of estrangement, they **reconnected** with each other.

binge

 a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence

synonym: spree, overindulgence, splurge

(1) binge on social media, (2) alcohol binge
She stayed up all night binge-watching her favorite TV show.

goggle

to look at someone or something with amazement; to look stupidly; (noun, plural) tight-fitting spectacles that are worn to prevent particulates, water, or chemicals from striking the eyes

synonym: gaze, gawk, gape

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(1) **goggle** his eyes, (2) infrared **goggles**The software company bought the VR **goggles**manufacturer.

excite

- v. to make someone feel suddenly enthusiastic or eager synonym: thrill, exhilarate, animate
- (1) **excite** the crowd, (2) **excite** rebellion The news of her promotion **excited** her.

societal

adj. relating to society or social relationships *synonym*: social, communal, cultural

(1) **societal** norms, (2) **societal** expectations

The **societal** pressure to conform is strong in this community.

drastic

adj. radical and extreme; likely to have a significant or far-reaching impact

synonym: extreme, fierce, radical

(1) **drastic** measures, (2) make **drastic** revision

The global community is undergoing **drastic** changes at present.

obsess

v. to fill the mind of someone continually so that one can't think of anything else

synonym: torment, beset, engross

(1) **obsess** over her weight, (2) he is **obsessed** with the fear

He's utterly **obsessed** with his promotion.

Session 2: Spelling

1. ne n cell body

2. go e his eyes

3. em____ss political enemy

4. armored ba on

5. sc_e pile

6. c_p wood

7. ex e rebellion

8. gu a pig

- a cell that is specialized to carry information within the brain and between the brain and other parts of the body
- v. to look at someone or something with amazement; to look stupidly; (noun, plural) tight-fitting spectacles that are worn to prevent particulates, water, or chemicals from striking the eyes
- v. to cause someone to feel awkward, worried, or ashamed
- a large, organized military unit composed of several companies, typically commanded by a lieutenant colonel or a major
- n. a mass of small, loose fragments of rock that may have accumulated at the base of a cliff or mountain slope, often forming a talus or scree slope
- v. to cut something into pieces with a sharp tool, such as a knife
- v. to make someone feel suddenly enthusiastic or eager
- a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic

ANSWERS: 1. neuron, 2. goggle, 3. embarrass, 4. battalion, 5. scree, 6. chop, 7. excite, 8. guinea

ANSWERS: 9. bleak, 10. societal, 11. obsess, 12. instinct, 13. proclaim, 14. rekindle, 15. smoothie, 16. peek, 17. complication, 18. ordeal, 19. rekindle

previously lost or forgotten, often a

relationship or feeling

ANSWERS: 20. drastic, 21. disengage, 22. scree, 23. estranged, 24. nerd, 25. bleak, 26. battalion, 27. supercomputer, 28. neuron

ANSWERS: 29. binge, 30. crux, 31. skyrocket, 32. brainstorming, 33. smoothie, 34. crux, 35. binge, 36. estranged

37.	distribution subon	n.	a facility where high-voltage electric power is transformed to a lower voltage, allowing the energy to be distributed through power lines to homes and businesses
38.	vot after ingesting	v.	to eject food, blood, etc., from the stomach through the mouth; (noun) the matter ejected from the stomach through the mouth
39.	do a braing about a new product	n.	a group activity or business method in which a group of people meet and think about something at the same time to solve a problem or to create good ideas
40.	gua coins	n.	a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic
41.	rect a telephone	<i>v</i> .	to connect again after a break or interruption
42.	aggressive inct	n.	an inborn behavioral pattern that is often responsive to specific stimuli; an innate feeling that causes you to act or believe that something is true
43.	hate to exercise	v.	to accustom or become accustomed to a particular situation, habit, or behavior through repeated exposure or experience; to make something a habit or regular practice
44.	an insant mistake	adj.	of little importance, influence, or power
ANSWERS: 37. substation, 38. vomit, 39. brainstorming, 40. guinea, 41. reconnect, 42. instinct, 43. habituate, 44. insignificant			

50. Zeus, 51. peek, 52. proclaim, 53. insignificant, 54. Zeus

ANSWERS: 64. complication, 65. skyrocket, 66. supercomputer, 67. domesticate, 68. reconnect, 69. goggle, 70. obsess, 71. drastic, 72. geopolitical, 73. vomit

74.	dige socially	v.	to withdraw or separate oneself from a situation or relationship
'5.	wiII energy	n.	a machine that uses wind power to generate mechanical energy or electricity
76.	dised energy	adj.	dispersed or scattered in different directions; wasted or squandered on excessive or extravagant pleasures such as drinking, partying, or gambling characterized by a lack of focus or discipline
77.	photographic moe	n.	a sequence of images, sounds, or clips that are combined to convey a particula message or emotion
78.	the geocal situations	adj.	of or relating to political activity or relations between countries and groups of countries, as influenced by the physical features of a country or area
79.	hate to coffee	v.	to accustom or become accustomed to a particular situation, habit, or behavior through repeated exposure or experience; to make something a habit or regular practice
30.	the riddle stped everybody	v.	to cause to be perplexed or confused; (noun) the base part of a tree that remains standing after the tree has been felled
31.	moe sequence	n.	a sequence of images, sounds, or clips that are combined to convey a particula message or emotion

- 82. bl____d feeling
- 83. so al norms
- 84. c__p a meet with a knife
- 85. w o voters with promises
- 86. easy to dom____te

- adj. having an abnormally swollen or enlarged appearance, often due to an accumulation of fluid or excessive consumption of food or drink
- adj. relating to society or social relationships
- v. to cut something into pieces with a sharp tool, such as a knife
- v. to seek the affection or favor of someone; to court or pursue someone romantically or with flattery
- v. to take control of animals or plants to provide food, power, or company

ANSWERS: 82. bloated, 83. societal, 84. chop, 85. woo, 86. domesticate

Session 3: Fill in the Blanks

1.	A malfunction at the caused the power outage.
n.	a facility where high-voltage electric power is transformed to a lower voltage, allowing the energy to be distributed through power lines to homes and businesses
2.	The software company bought the VR manufacturer.
v.	to look at someone or something with amazement; to look stupidly; (noun, plural) tight-fitting spectacles that are worn to prevent particulates, water, or chemicals from striking the eyes
3.	The country holds dominant power over its neighbors.
adj	of or relating to political activity or relations between countries and groups of countries, as influenced by the physical features of a country or area
4.	The countryside was dotted with picturesque
n.	a machine that uses wind power to generate mechanical energy or electricity
5.	She felt sick and had to run to the bathroom to
v.	to eject food, blood, etc., from the stomach through the mouth; (noun) the matter ejected from the stomach through the mouth
6.	Production has decreased, but costs and unemployment have dramatically.
<i>v</i> .	to rapidly ascend to a very high level; increase rapidly;
7.	Many companies employ as a good way of generating innovative ideas.
n.	a group activity or business method in which a group of people meet and think about something at the same time to solve a problem or to create good ideas
	SWERS: 1. substation, 2. goggles, 3. geopolitical, 4. windmills, 5. vomit, 6. rocketed, 7. brainstorming

15.	The pressure to conform is strong in this community.
adj	relating to society or social relationships
16	He tried to her with his charm and wit.
<i>v</i> .	to seek the affection or favor of someone; to court or pursue someone romantically or with flattery
17.	He was, by nature, a cyber
n.	a person who is very interested in and knowledgeable about a particular subject such as computers, mathematics, chess, etc.
18.	She stayed up all night her favorite TV show.
n.	a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence
19.	The cost of the antique vase is three
n.	a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic
20.	He's utterly with his promotion.
<i>v</i> .	to fill the mind of someone continually so that one can't think of anything else
21.	He from the conversation and walked away.
<i>v</i> .	to withdraw or separate oneself from a situation or relationship
22.	The hiker lost his footing on the slope and fell down the mountainside.
n.	a mass of small, loose fragments of rock that may have accumulated at the base of a cliff or mountain slope, often forming a talus or scree slope
	SWERS: 15. societal, 16. woo, 17. nerd, 18. binge-watching, 19. guineas, 20. sessed, 21. disengaged, 22. scree

cab-Bui	ilder Ref from "Jordan Wirfs-Brock: The four things you need to know about the energy you use TED Talk" (43 word
38.	The leader a state of emergency in the country.
<i>v</i> .	to announce or state something publicly and forcefully
39. l	Her stomach was visibly after eating a large meal.
adj.	having an abnormally swollen or enlarged appearance, often due to an accumulation of fluid or excessive consumption of food or drink
40. ⁻	The cook the vegetables for the soup.
ν.	to cut something into pieces with a sharp tool, such as a knife
41. ⁻	The enemy forces were no match for the well-trained
n.	a large, organized military unit composed of several companies, typically commanded by a lieutenant colonel or a major
42. ⁻	The political landscape looks without a change of administration.
adj.	unlikely to be favorable; unpleasantly cold and damp; offering little or no hope
43. \$	She took a quick inside the box before closing it again.
n.	a quick or furtive look; (verb) to take a quick and secret look at something
ANS peel	SWERS: 38. proclaimed, 39. bloated, 40. chopped, 41. battalion, 42. bleak, 43.