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Vocabulary Builder Reference from...

Rose M. Mutiso: How to bring affordable, sustainable electricity to Africa | TED Talk https://www.ted.com/talks/rose_m_mutiso_how_to_bring_affordable_sustainable_electricity_to_africa



Advanced Words Only

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Session 1: Word List

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.

sub-Saharan

- adj. of or relating to or situated in the area south of the Sahara Desert
- (1) **sub-Saharan** Africa, (2) **sub-Saharan** countries
 The coffee producers in **sub-Saharan** countries are at the sharp end of fluctuations in price.

well-being

- n. the state of being happy and healthy and prosperoussynonym: health, welfare, happiness
- (1) the **well-being** of a nation, (2) a sense of **well-being** We are responsible for the care and **well-being** of all our employees.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark The phone rang at the most **opportune** time.

inefficient

adj. lacking the ability or skill and not making the best use of time, money, energy, etc.

synonym: ineffective, counterproductive, inadequate

(1) **inefficient** use, (2) **inefficient** management The system is still so **inefficient** that it is useless.

quadruple

- v. to consist of four items or people; to become four times as great or many
- (1) **quadruple** the amount, (2) **quadruple** the price of gold His stock earnings **quadrupled**.

trajectory

the curved path followed by an object moving through space

synonym: course, curve, orbit

(1) career **trajectory**, (2) a **trajectory** missile

The company has shown an excellent growth **trajectory** over the years.

electrification

- n. the process of installing electrical equipment or infrastructure, especially in a place that previously only had non-electrical equipment or infrastructure; the act of supplying electrical energy to an object or system, causing it to become electrically charged;
- (1) railway **electrification**, (2) **electrification** current The village was excited about the **electrification** of their community, which would bring light to their homes.

mechanize

v. to equip with machinery or automatic equipment; to replace human labor with machines or automation in industry or other processes; to make a job or a procedure more systematic or efficient by the use of tools or technology

synonym: automate, motorize, robotize

(1) **mechanize** operations, (2) **mechanize** agriculture The factory **mechanized** its production line to increase efficiency and reduce labor costs.

stimming

n. a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

synonym: self-stimulation, repetitive behaviors

(1) autistic **stimming**, (2) **stimming** therapy Autistic children may engage in **stimming** behaviors, such as rocking or hand flapping, to self-regulate.

inefficiency

 the lack of ability or effectiveness in producing the desired results or outcomes; the quality of being wasteful or unproductive

synonym: ineffectiveness, inefficacy, inadequacy

(1) **inefficiency** in the system, (2) bureaucratic **inefficiency** The company's **inefficiency** in handling customer requests led to many complaints.

catastrophe

- n. a sudden event that causes extreme ruin and misfortunesynonym: disaster, calamity, cataclysm
- (1) **catastrophe** risk management, (2) avoid climate **catastrophe**

The lack of funds has resulted in a **catastrophe** for our university system.

disrupt

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

synonym: interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep I'm so sorry to **disrupt** you when you're pretty busy.

rehash

 to discuss or go over something, especially ideas or information, that has already been discussed or gone over before; to present old material in a new or modified form

synonym: repeat, reiterate, recycle

(1) rehash old ideas, (2) rehash a story

I don't want to **rehash** the same argument we had last night.

grapple

v. to make a strenuous effort to solve a problem; to engage in a close fight or conflict without weapons

synonym: brawl, scuffle, wrestle

(1) **grapple** with problem, (2) **grapple** with each other He needed to **grapple** with structural reforms to improve the company's revenue.

misdirect

v. to give someone the wrong order, information, etc.; to send someone or something to the wrong place or wrong direction

synonym: misguide, mislead, botch

(1) misdirect my anger, (2) misdirect the letterI believe this analysis is misdirected to some extent.

paternalism

n. the practice or belief of governing or managing individuals or groups in a manner that is considered to be nurturing or protective but also limiting or controlling their freedom and autonomy

synonym: guardianship, fatherliness

(1) **paternalism** in healthcare, (2) critique of **paternalism** The CEO's leadership style was characterized by **paternalism** towards his employees.

unpack

v. to open and remove stored items from a container or package; to analyze or examine something in detail, often to clarify or understand it better

synonym: dissect, unwrap, unbox

(1) unpack a crate, (2) unpack a conceptI need to unpack my suitcase and put my clothes away.

enshrine

v. to cherish or protect something as if it is sacred; to place something in a position of honor or respect

synonym: ensconce, preserve, cherish

(1) enshrine memories, (2) enshrine tradition

The Constitution **enshrines** the rights and freedoms of citizens.

romanticize

v. to make something seem more attractive or appealing than it is, especially by exaggerating or idealizing its qualities; to view or present something in a romantic or sentimental way

synonym: idealize, glorify, sentimentalize

(1) **romanticize** the past, (2) **romanticize** the idea of love It is easy to **romanticize** a new job or opportunity, but it is important to remain objective and realistic about the challenges that come with it

industrious

adj. hardworking, diligent, and persistent in effort synonym: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student He was known to be very **industrious** and would often work late into the night.

leapfrog

 a children's game in which players take turns jumping over each other's stooped backs

synonym: hopping, jumpfrog

(1) leapfrog game, (2) leapfrog technology

During recess, the children played a game of **leapfrog** in the schoolyard.

solicitous

adj. showing concern or care for someone's well-being;
 anxious or attentive in expressing one's own needs or desires

synonym: concerned, attentive, caring

(1) solicitous care, (2) solicitous concern

The **solicitous** nurse made sure her patients were comfortable and well-cared for.

underpin

- v. to support or strengthen the foundations of something synonym: support, foundation, base
- (1) **underpin** a structure, (2) **underpin** democratization The research findings **underpin** the theory that human activities cause global warming.

innovate

- v. to introduce new methods, ideas, or products synonym: bring in, introduce, found
- (1) **innovate** a new method, (2) **innovate** the quality of his life

Companies developing self-driving cars consistently **innovate** the emerging technologies.

rooftop

 the upper surface or cover of a building's roof, often used for recreational or other purposes

synonym: roof, terrace, deck

(1) rooftop live, (2) rooftop deck

They held the dinner party on the **rooftop** terrace, enjoying the beautiful view of the city.

interconnect

- v. to connect similar thingssynonym: interlink, complect, annex
- directly interconnect with those systems, (2) human activities interconnect with the environment
 Our system can now interconnect with other databases.

socioeconomic

 adj. relating to the social and economic factors that shape an individual, group, or community, particularly in terms of income, occupation, education, and social class

synonym: social, economic, financial

(1) **socioeconomic** status, (2) **socioeconomic** issues The **socioeconomic** conditions of a country can significantly affect its political stability.

glacial

adj. relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized

by an extremely slow or gradual pace or movement *synonym*: cold, icy, frozen

(1) glacial movements, (2) glacial terrain

The **glacial** pace of the negotiations frustrated both parties.

bureaucracy

 a system of government in which most of the important decisions are made by state officials rather than by elected representatives

synonym: administration, government, system

(1) government **bureaucracy**, (2) arbitrary **bureaucracy**The bumbling **bureaucracy** made it difficult to get the permits we needed.

improvisation

- the act of making something up on the spot or creating or performing something without preparation
 synonym: spontaneity, ad-lib, extemporization
- (1) **improvisation** on stage, (2) jazz **improvisation** He created a beautiful piece of music using only **improvisation**.

trade-off

 a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise

synonym: compromise, balance, exchange

(1) **trade-off** problem, (2) environmental **trade-off**There was a **trade-off** between speed and accuracy in the task.

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym: robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population She is a **resilient** person and has always bounced back from setbacks.

negotiable

adj. capable of being discussed and agreed upon; able to be changed or altered through negotiation

synonym: flexible, adjustable, adaptable

(1) a **negotiable** bill, (2) **negotiable** salary

The price of these items is **negotiable**, so feel free to make an offer.

broaden

v. to make or become wider or more extensive; to make or become more tolerant or liberal.

synonym: expand, widen, enlarge

(1) **broaden** students' knowledge, (2) **broaden** their horizon. The company **broadened** its product line to include more customer options.

distract

v. to draw someone's attention away from what they are trying to do

synonym: divert, preoccupy, confuse

(1) **distract** attention from the real issue, (2) **distract** public opinion

Please don't distract me while I'm studying.

endow

to give a quality, ability, or asset to a person or institution

synonym: finance, subsidize, support

- (1) **endow** him with the power, (2) **endow** the scholarship Some people believe that human is **endowed** with reason and capable of distinguishing good from evil.
- geothermal
- adj. relating to or produced by the internal heat of the earth; often used to refer to energy produced by tapping into the natural heat of the earth

synonym: underground, thermal, subterranean

(1) **geothermal** activity, (2) **geothermal** drilling

The town is exploring using **geothermal** energy to power its homes and buildings.

hydro

a prefix denoting water or relating to water, usually used in scientific or technical terminology

synonym: water, aqua, liquid

(1) hydro power, (2) hydro turbine

The **hydro** plant generates electricity by harnessing the power of water.

quirk

 a peculiar behavior, habit, or characteristic that is distinctive to an individual or group

synonym: eccentricity, idiosyncrasy, peculiarity

(1) personality quirk, (2) a quirk of fate

One of her **quirks** is that she always wears mismatched socks.

Session 2: Spelling

1.	romze the idea of love	<i>v</i> .	to make something seem more attractive or appealing than it is, especially by exaggerating or idealizing its qualities; to view or present something in a romantic or sentimental way	
2.	human activities intect with the environment	v.	to connect similar things	
3.	inency in the system	n.	the lack of ability or effectiveness in producing the desired results or outcomes; the quality of being wasteful or unproductive	
4.	geoal activity	adj.	relating to or produced by the internal heat of the earth; often used to refer to energy produced by tapping into the natural heat of the earth	
5.	inte a new method	ν.	to introduce new methods, ideas, or products	
6.	stng therapy	n.	a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation	
7.	brn students' knowledge	<i>v</i> .	to make or become wider or more extensive; to make or become more tolerant or liberal.	
ANSWERS: 1. romanticize, 2. interconnect, 3. inefficiency, 4. geothermal, 5. innovate, 6. stimming, 7. broaden				

ANSWERS: 8. industrious, 9. electrify, 10. endow, 11. glacial, 12. electrify, 13. enshrine, 14. geothermal, 15. inefficient, 16. improvisation

17.	dict attention from the real issue	<i>v</i> .	to draw someone's attention away from what they are trying to do
18.	inent use	adj.	lacking the ability or skill and not making the best use of time, money, energy, etc.
19.	solus care	adj.	showing concern or care for someone's well-being; anxious or attentive in expressing one's own needs or desires
20.	indus student	adj.	hardworking, diligent, and persistent in effort
21.	mict my anger	v.	to give someone the wrong order, information, etc.; to send someone or something to the wrong place or wrong direction
22.	rent population	adj.	able to withstand or recover quickly from difficult conditions
23.	career trary	n.	the curved path followed by an object moving through space
24.	avoid climate cathe	n.	a sudden event that causes extreme ruin and misfortune
25.	a hard and rent steel	adj.	able to withstand or recover quickly from difficult conditions
26.	reh a story	v.	to discuss or go over something, especially ideas or information, that has already been discussed or gone over before; to present old material in a new or modified form
27.	meze operations	<i>v</i> .	to equip with machinery or automatic equipment; to replace human labor with machines or automation in industry or other processes; to make a job or a procedure more systematic or efficient by the use of tools or technology

ANSWERS: 17. distract, 18. inefficient, 19. solicitous, 20. industrious, 21. misdirect, 22. resilient, 23. trajectory, 24. catastrophe, 25. resilient, 26. rehash, 27. mechanize

ANSWERS: 28. disrupt, 29. catastrophe, 30. quadruple, 31. socioeconomic, 32. sub-Saharan, 33. leapfrog, 34. inefficiency, 35. glacial, 36. enshrine

ANSWERS: 37. leapfrog, 38. opportune, 39. underpin, 40. paternalism, 41. grapple,

charged;

ANSWERS: 47. underpin, 48. well-being, 49. negotiable, 50. negotiable, 51. paternalism, 52. rooftop, 53. mechanize, 54. trade-off, 55. bureaucracy

representatives

ANSWERS: 56. trade-off, 57. disrupt, 58. bureaucracy, 59. rooftop, 60. misdirect, 61. improvisation, 62. unpack, 63. socioeconomic

64.	dict public opinion	ν.	to draw someone's attention away from what they are trying to do
65.	enw him with the power	v.	to give a quality, ability, or asset to a person or institution
66.	the welng of a nation	n.	the state of being happy and healthy and prosperous
67.	directly intect with those systems	ν.	to connect similar things
68.	gre with each other	v.	to make a strenuous effort to solve a problem; to engage in a close fight or conflict without weapons
69.	brn their horizon	v.	to make or become wider or more extensive; to make or become more tolerant or liberal.
70.	personality quk	n.	a peculiar behavior, habit, or characteristic that is distinctive to an individual or group
71.	qule the amount	<i>v</i> .	to consist of four items or people; to become four times as great or many
72.	inte the quality of his life	<i>v</i> .	to introduce new methods, ideas, or products
73.	hyo power	n.	a prefix denoting water or relating to water, usually used in scientific or technical terminology
74.	a trary missile	n.	the curved path followed by an object moving through space
75.	hyo turbine	n.	a prefix denoting water or relating to water, usually used in scientific or technical terminology

ANSWERS: 64. distract, 65. endow, 66. well-being, 67. interconnect, 68. grapple, 69. broaden, 70. quirk, 71. quadruple, 72. innovate, 73. hydro, 74. trajectory, 75. hydro

ANSWERS: 76. romanticize, 77. electrification, 78. unpack, 79. stimming, 80. rehash

already been discussed or gone over before; to present old material in a new

or modified form

Session 3: Fill in the Blanks

1.	The system is still so that it is useless.
adj.	lacking the ability or skill and not making the best use of time, money, energy, etc.
2.	His stock earnings
<i>v</i> .	to consist of four items or people; to become four times as great or many
	Autistic children may engage in behaviors, such as rocking or hand flapping, to self-regulate.
n.	a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
4.	Our system can now with other databases.
<i>v</i> .	to connect similar things
5.	The town is exploring using energy to power its homes and buildings.
adj.	relating to or produced by the internal heat of the earth; often used to refer to energy produced by tapping into the natural heat of the earth
6.	Please don't me while I'm studying.
v.	to draw someone's attention away from what they are trying to do
7.	She is a person and has always bounced back from setbacks.
adj.	able to withstand or recover quickly from difficult conditions
	SWERS: 1. inefficient, 2. quadrupled, 3. stimming, 4. interconnect, 5. geothermal

ANSWERS: 38. glacial, 39. mechanized, 40. socioeconomic