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Vocabulary Builder Reference from...

Leyla Acaroglu: Paper beats plastic? How to rethink environmental folklore | TED Talk https://www.ted.com/talks/leyla_acaroglu_paper_beat s_plastic_how_to_rethink_environmental_folklore



Advanced Words Only

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Session 1: Word List

biodegrade

- v. to decay naturally by microorganisms, such as bacteria and fungi
- (1) **biodegrade** by the microorganism, (2) bioplastic designed to **biodegrade**

The company's plastic products are easily **biodegraded** thanks to a unique manufacturing process.

recyclability

n. the degree to which a material or product can be reused or repurposed after it has served its original function, without requiring significant modifications or environmental harm

synonym: reusability, sustainability, renewability

(1) **recyclability** rate, (2) low **recyclability** problem The **recyclability** of electronic devices is a significant challenge due to the complexity of their components.

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.

dictate

- v. to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded synonym: read out, prescribe, order
- (1) **dictate** a letter to secretary, (2) **dictate** to the associate The allies **dictated** the terms of surrender to the country.

folklore

 traditional customs, beliefs, stories, and songs of a community, passed down orally

synonym: myths, legends, traditions

(1) **folklore** tradition, (2) **folklore** myth

The area's **folklore** tells of a ghost that haunts the old mill.

interrelated

- adj. closely connected or related to each other synonym: connected, related, interdependent
- (1) the **interrelated** nature of the problems, (2) **interrelated** factors

The different parts of the system are **interrelated** and rely on each other to function correctly.

peck

v. to strike or bite someone or something repeatedly, usually with the beak or bill; to give a quick, small kiss or nibble

synonym: beak, nibble, pick

(1) peck on the cheek, (2) peck at feed

The wood **pecker** would peck at the tree high up in the branches.

interlocking

adj. fitting or locking together in a way that makes a continuous and secure whole

synonym: connected, linked, joined

interlocking braid, (2) interlocking mechanism
 interlocking puzzle pieces were difficult to separate.

degrade

v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

synonym: demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

cellulose

 a complex carbohydrate that is the main structural component of plant cell walls and fibers; a substance used to make paper, textiles, and other materials

synonym: fiber, paper, wood pulp

(1) **cellulose** acetate, (2) **cellulose** insulation

The **cellulose** content in fruits and vegetables contributes to their dietary fiber.

anaerobic

- adj. living or occurring in the absence of oxygen; relating to or involving a process that does not require oxygensynonym: oxygen-free, without oxygen, anoxic
- (1) **anaerobic** atmosphere, (2) **anaerobic** exercise **Anaerobic** bacteria thrive in environments without oxygen, such as a sealed landfill.

methane

- a chemical compound with the chemical formula CH4 with no smell or color, often used as a fuel
- (1) atmospheric **methane**, (2) reduce **methane** emissions The ignition of **methane** gas in the plant killed five employees.

lettuce

 a leafy vegetable that is often used as a base for salads or sandwiches; it has green leaves and a mild flavor

synonym: greens, salad, cress

(1) crisp **lettuce**, (2) wilted **lettuce**I want a sandwich with extra **lettuce**, please.

displace

v. to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation

synonym: evict, exile, remove

(1) **displace** workers, (2) **displace** the explosive power The construction of the new dam will **displace** hundreds of families living downstream.

fascinate

to attract and hold the attention of someone deeply and irresistibly

synonym: captivate, intrigue, mesmerize

(1) **fascinate** the public, (2) **fascinate** the young The magic tricks **fascinated** the children.

offend

- v. to cause someone to feel upset, angry, or annoyed synonym: insult, hurt, anger
- (1) **offend** his sensibilities, (2) **offend** a customer His rude comments **offended** many people at the party.

simplistic

adj. oversimplified or lacking in complexity or depth; characterized by an attempt to explain something complex or multifaceted with overly vague or simple terms

synonym: basic, uncomplicated, elementary

(1) **simplistic** approach, (2) **simplistic** design

The politician's solution to the problem was too **simplistic** to solve the underlying issue.

soggy

adj. soaked with or full of moisture, especially to the point of being heavy or waterlogged; soft and wet due to saturation with liquid; lacking firmness or crispness due to excessive moisture

synonym: muddy, waterlogged, saturated

soggy ground, (2) soggy potato chips
 The picnic was canceled due to the soggy weather.

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.

astronomical

 adj. relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude

synonym: huge, vast, enormous

(1) **astronomical** observation, (2) **astronomical** numbers The cost of the new equipment was **astronomical** and beyond the company's budget.

phosphorus

 a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element

synonym: P, phosphoric, phosphorous

(1) **phosphorus** element, (2) yellow **phosphorus Phosphorus** compounds are commonly used to manufacture fertilizers to promote plant growth.

embody

v. to represent or exemplify something; to give tangible form to an abstract idea

synonym: represent, exemplify, personify

(1) **embody** my goal, (2) **embody** a spirit of charity The company's new products **embody** the values of innovation and sustainability.

reconsider

- v. to think about a decision or opinion again to synonym: rethink, review, revisit
- (1) **reconsider** the determination, (2) **reconsider** my transfer

He humbly reconsidered his conduct.

modernity

- n. the quality or condition of being modern; the state or era of being up-to-date in technology, science, and culture
 synonym: contemporaneousness, present-day, contemporaneity
- (1) spirit of modernity,(2) path toward modernityHe was fascinated by the contrasts between traditional life

and the city's **modernity**.

halve

v. to divide something into two equal parts; to reduce something by half its original amount or size

synonym: reduce by half, cut in half, split

(1) halve the price, (2) halve the workload

I need to **halve** the recipe to make just enough for two people.

kettle

 a metal container with a lid and handle, used for boiling water or other liquids over a heat source, commonly used for making tea or cooking pasta or soup

synonym: pot, cauldron, timpani

(1) electric kettle, (2) whistle kettle

The **kettle** on the stove started to whistle, signaling that the water was boiling.

ubiquitous

adj. being or existing everywhere at once

synonym: universal, omnipresent, everywhere

(1) **ubiquitous** computing, (2) **ubiquitous** across ecosystems

Sugar is ubiquitous in food.

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.

recycle

v. to sort and collect things to process them and produce valuable materials that can be used again

synonym: reclaim, reuse, reprocess

(1) **recycle** the cardboard boxes, (2) **recycle** milk packaging

into new paper

We largely **recycle** the circuit board of cell phones because they contain a lot of valuable metals.

disassemble

v. to take apart, dismantle, or separate a device, machine, or other objects into its parts or components

synonym: dismantle, take apart, break down

(1) **disassemble** a machine, (2) **disassemble** furniture The mechanic had to **disassemble** the engine to locate and fix the problem.

ramification

the act or process of branching out or dividing into branches

synonym: fork, branching, complication

(1) **ramifications** of the scenario, (2) political **ramification** The court's decision had many unforeseen **ramifications**.

externality

 a cost or benefit that affects a third party who did not choose to incur that cost or benefit

synonym: impact, consequence, effect

(1) externality costs, (2) network externalityThe negative externality of pollution affects not just the

polluter but also people living in the surrounding area.

expedient

adj. convenient and practical, although possibly improper or immoral; (noun) a means or method that is chosen as the best or most practical way to achieve a particular result; a resource or device used for convenience or advantage

synonym: advantageous, practical, convenient

(1) **expedient** solution, (2) **expedient** decision Using public transportation is an **expedient** way to reduce traffic congestion.

Session 2: Spelling

1.	de	_e his public image	ν.	to make something worse, especially in
				quality; to show or treat someone in a
				way that makes them seem no value

and do not have the respect or reasonable opinion of others

2. so__y ground

adj. soaked with or full of moisture, especially to the point of being heavy or waterlogged; soft and wet due to saturation with liquid; lacking firmness or crispness due to excessive moisture

3. em___y my goal

v. to represent or exemplify something; to give tangible form to an abstract idea

4. di____e to the associate

v. to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded

the int____ted nature of the problems

adj. closely connected or related to each other

6. di____e a letter to secretary

to state or give order with total authority;
 to say or read aloud for somebody else
 to write down or to be recorded

7. int____ing braid

adj. fitting or locking together in a way that makes a continuous and secure whole

8. in____te the quality of his life

v. to introduce new methods, ideas, or products

9. path toward mo____ty

the quality or condition of being modern;
 the state or era of being up-to-date in technology, science, and culture

ANSWERS: 1. degrade, 2. soggy, 3. embody, 4. dictate, 5. interrelated, 6. dictate, 7. interlocking, 8. innovate, 9. modernity

ANSWERS: 19. fascinate, 20. interlocking, 21. ramification, 22. degrade, 23. methane, 24. recyclability, 25. reconsider, 26. lettuce, 27. displace, 28. fascinate

v. to cause someone to feel upset, angry, or annoyed

 a complex carbohydrate that is the main structural component of plant cell walls and fibers; a substance used to make paper, textiles, and other materials

ANSWERS: 29. interrelated, 30. biodegrade, 31. ubiquitous, 32. displace, 33. kettle, 34. peck, 35. simplistic, 36. astronomical, 37. offend, 38. offend, 39. cellulose

39. ce se acetate

ANSWERS: 40. phosphorus, 41. externality, 42. simplistic, 43. kettle, 44. halve, 45. folklore, 46. ubiquitous, 47. biodegrade, 48. methane, 49. embody

58.	p_k on the cheek	<i>v</i> .	to strike or bite someone or something repeatedly, usually with the beak or bill; to give a quick, small kiss or nibble
59.	crisp lee	n.	a leafy vegetable that is often used as a base for salads or sandwiches; it has green leaves and a mild flavor
60.	astcal numbers	adj.	relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
61.	inte a new method	<i>v</i> .	to introduce new methods, ideas, or products
62.	spirit of moty	n.	the quality or condition of being modern; the state or era of being up-to-date in technology, science, and culture
63.	disle a machine	v.	to take apart, dismantle, or separate a device, machine, or other objects into its parts or components
64.	he is obsed with the fear	<i>v</i> .	to fill the mind of someone continually so that one can't think of anything else
65.	network extty	n.	a cost or benefit that affects a third party who did not choose to incur that cost or benefit
66.	disle furniture	ν.	to take apart, dismantle, or separate a device, machine, or other objects into its parts or components

ANSWERS: 58. peck, 59. lettuce, 60. astronomical, 61. innovate, 62. modernity, 63. disassemble, 64. obsess, 65. externality, 66. disassemble

Session 3: Fill in the Blanks

1.	He humbly his conduct.						
<i>v</i> .	to think about a decision or opinion again to						
2.	compounds are commonly used to manufacture fertilizers to promote plant growth.						
n.	a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element						
3.	The ignition of gas in the plant killed five employees.						
n.	a chemical compound with the chemical formula CH4 with no smell or color, often used as a fuel						
4.	The puzzle pieces were difficult to separate.						
adj	fitting or locking together in a way that makes a continuous and secure whole						
5.	The mechanic had to the engine to locate and fix the problem.						
<i>v</i> .	to take apart, dismantle, or separate a device, machine, or other objects into its parts or components						
6.	I want a sandwich with extra please.						
n.	a leafy vegetable that is often used as a base for salads or sandwiches; it has green leaves and a mild flavor						
7.	The on the stove started to whistle, signaling that the water was boiling.						
n.	a metal container with a lid and handle, used for boiling water or other liquids over a heat source, commonly used for making tea or cooking pasta or soup						
	SWERS: 1. reconsidered, 2. Phosphorus, 3. methane, 4. interlocking, 5. assemble, 6. lettuce, 7. kettle						

ANSWERS: 31. displace, 32. soggy, 33. offended