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Vocabulary Builder Reference from...

Virginia Smith: How we could better predict and stop floods | TED Talk

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



Advanced Words Only

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Session 1: Word List

chant

 a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation

synonym: hymn, mantra, (verb) recite

(1) chant melodies, (2) chant in the chapel

The soccer game crowd broke into a chant of "Go, team, go!"

powerless

adj. lacking power, strength, or authority; unable to act or affect change

synonym: helpless, impotent, feeble

(1) **powerless** position, (2) **powerless** in the organization During the hurricane, we felt **powerless** against the winds and rain.

workaround

 a temporary or unconventional solution to a problem or issue that enables progress or completion of a task despite obstacles or limitations

synonym: alternative, temporary fix, quick-fix

(1) **workaround** solution, (2) software **workaround** When the software crashed, I had to devise a quick **workaround** to save my progress.

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.

stormwater

 water that accumulates during and after rainfall or snowmelt, usually flowing into waterways, sewers, or drainage systems

synonym: rainwater, runoff, drainage

- (1) **stormwater** management, (2) **stormwater** runoff The **stormwater** drainage system must be improved to prevent flooding in the neighborhood.
- v. to lessen or reduce fears, doubts, or concerns; to soothe or alleviate pain, suffering, or emotion

synonym: calm, soothe, alleviate

(1) **allay** anxiety, (2) **allay** concerns about declining profits I tried to **allay** my friend's fears by reassuring her.

floodplain

allay

 an area of flat land adjacent to a river or stream that is subject to periodic flooding

synonym: lowland, swamp, delta

(1) **floodplain** area, (2) **floodplain** management The town was built on a **floodplain**, making it vulnerable to natural disasters.

sanction

official permission or approval for an action, especially an economic or political action by a government or international organization; a penalty or punishment imposed for breaking the law, rule, or agreement; (verb) to impose a penalty or punishment for breaking the law, rule, or agreement

synonym: approve, authorize, endorse

(1) Imperial **sanction**, (2) popular **sanction**The government imposed economic **sanctions** on the country.

elevate

v. to raise something from a lower to a higher position; to give a promotion to or assign to a higher position

synonym: lift, heighten, promote

(1) **elevate** educational standards, (2) **elevate** a close relationship

Eating food in a hurry **elevates** blood glucose levels.

upheaval

great change, disruption, or disturbance; (geology) a rise
 of land to a higher elevation

synonym: disturbance, turmoil, upheaval

(1) **upheaval** of society, (2) the big **upheaval** of my life The recent political **upheaval** has left the country in a state of chaos.

commute

v. to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work

synonym: travel, journey, trip

(1) commute to work, (2) daily commute

He had to commute two hours each way to get to work.

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.

capita

 a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone

synonym: head, headcount, person

(1) per **capita** sales, (2) the agricultural yield per **capita** GDP per **capita** shrunk by almost 10 percent for the third consecutive year.

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.

astronaut

 a person trained by a space agency to travel outside the Earth's atmosphere

synonym: spaceman, cosmonaut

(1) astronaut mission, (2) astronaut in training

The shuttle **astronaut** trained for months before embarking on the space mission.

rev

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

synonym: revolution, RPM, speed

(1) low- rev engine, (2) rev up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

illuminate

v. to light something or to make something lighter or brighter; to make something free from confusion or ambiguity

synonym: brighten, light, adorn

(1) **illuminate** a dark hall, (2) **illuminate** my understanding That biologist **illuminated** the mechanism of heredity.

infiltrate

v. to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly

synonym: penetrate, sneak in, invade

(1) **infiltrate** the bloodstream, (2) **infiltrate** a community The spy was able to **infiltrate** the enemy's headquarters

undetected.

evaporation

n. the process of a liquid changing into a gas or vapor, often as a result of high temperatures or reduced pressure; the gradual disappearance or dissipation of something, such as money or resources

synonym: vaporization, dehydration, desiccation

evaporation cooling, (2) slow evaporation
 The formation of clouds is facilitated by the process of evaporation and condensation

transpire

- v. to happen or be revealedsynonym: occur, happen, take place
- (1) **transpire** as expected, (2) **transpire** in the news It finally **transpired** that an employee had stolen the missing money.

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.

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.

assuage

- v. to make an unpleasant feeling, such as pain or distress, less intense; to satisfy or ease a desire or appetite
 synonym: ease, alleviate, relieve
- (1) **assuage** anger, (2) **assuage** guilt The medicine helped **assuage** her pain and discomfort.

obtrusive

adj. noticeable or prominent in an unwelcome or intrusive way; interfering with or obstructing somethingsynonym: prominent, conspicuous, intrusive

(1) change **obtrusive** behavior, (2) **obtrusive** noise The **obtrusive** advertisement kept popping up and interrupting my work.

obtainable

adj. capable of being obtained, acquired, or reached; accessible

synonym: attainable, achievable, reachable

(1) **obtainable** resources, (2) **obtainable** solutions

The information on their website could have been clearer, but I found an **obtainable** answer eventually.

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.

Session 2: Spelling

i. Infte a community	v. to enter or penetrate a group,
	organization, or place covertly or
	secretly, usually with a specific purpose
	or goal in mind; to spread or diffuse
	through something gradually or subtly

- 2. as e guilt to make an unpleasant feeling, such as ν. pain or distress, less intense; to satisfy or ease a desire or appetite
 - the process of a liquid changing into a n. gas or vapor, often as a result of high temperatures or reduced pressure; the gradual disappearance or dissipation of something, such as money or resources
 - adj. capable of being obtained, acquired, or reached; accessible
 - adj. noticeable or prominent in an unwelcome or intrusive way; interfering with or obstructing something
 - to light something or to make something ν. lighter or brighter; to make something free from confusion or ambiguity
 - to raise something from a lower to a ν. higher position; to give a promotion to or assign to a higher position
 - adj. relating to Sir Isaac Newton or his laws of motion and universal gravitation
 - great change, disruption, or n. disturbance; (geology) a rise of land to a higher elevation

eva on cooling 3.

obt____le solutions 4.

ob ve noise 5.

ill te a dark hall 6.

7. el e a close relationship

Ne an mechanics 8.

up al of society 9.

ANSWERS: 1. infiltrate, 2. assuage, 3. evaporation, 4. obtainable, 5. obtrusive, 6. illuminate, 7. elevate, 8. Newtonian, 9. upheaval

10.	change obve behavior	adj.	noticeable or prominent in an unwelcome or intrusive way; interfering with or obstructing something
11.	poss in the organization	adj.	lacking power, strength, or authority; unable to act or affect change
12.	aly concerns about declining profits	v.	to lessen or reduce fears, doubts, or concerns; to soothe or alleviate pain, suffering, or emotion
13.	infte the bloodstream	v.	to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly
14.	coe to work	v.	to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work
15.	aly anxiety	<i>v</i> .	to lessen or reduce fears, doubts, or concerns; to soothe or alleviate pain, suffering, or emotion
16.	ase anger	v.	to make an unpleasant feeling, such as pain or distress, less intense; to satisfy or ease a desire or appetite
17.	trre as expected	<i>v</i> .	to happen or be revealed
18.	obtle resources	adj.	capable of being obtained, acquired, or reached; accessible
19.	r_v up the crowd	n.	a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

ANSWERS: 10. obtrusive, 11. powerless, 12. allay, 13. infiltrate, 14. commute, 15. allay, 16. assuage, 17. transpire, 18. obtainable, 19. rev

20.	a sense of welng	n.	the state of being happy and healthy and prosperous
21.	poss position	adj.	lacking power, strength, or authority; unable to act or affect change
22.	per caa sales	n.	a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone
23.	ele educational standards	v.	to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
24.	trre in the news	<i>v</i> .	to happen or be revealed
25.	ofd a customer	<i>v</i> .	to cause someone to feel upset, angry, or annoyed
26.	an opne remark	adj.	suitable or happening at a time that is suitable or convenient for a particular purpose
27.	floin area	n.	an area of flat land adjacent to a river or stream that is subject to periodic flooding
28.	the welng of a nation	n.	the state of being happy and healthy and prosperous
29.	ofd his sensibilities	<i>v</i> .	to cause someone to feel upset, angry, or annoyed
30.	popular saon	n.	official permission or approval for an action, especially an economic or political action by a government or international organization; a penalty or punishment imposed for breaking the law, rule, or agreement; (verb) to impose a penalty or punishment for breaking the law, rule, or agreement

ANSWERS: 20. well-being, 21. powerless, 22. capita, 23. elevate, 24. transpire, 25. offend, 26. opportune, 27. floodplain, 28. well-being, 29. offend, 30. sanction

31. wornd solution	n.	a temporary or unconventional solution to a problem or issue that enables progress or completion of a task despite obstacles or limitations
32. slow evaon	n.	the process of a liquid changing into a gas or vapor, often as a result of high temperatures or reduced pressure; the gradual disappearance or dissipation of something, such as money or resources
33. the big upal of my life	n.	great change, disruption, or disturbance; (geology) a rise of land to a higher elevation
34. stoer management	n.	water that accumulates during and after rainfall or snowmelt, usually flowing into waterways, sewers, or drainage systems
35. asut mission	n.	a person trained by a space agency to travel outside the Earth's atmosphere
36. the agricultural yield per caa	n.	a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone
37. illte my understanding	ν.	to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
38. daily coe	ν.	to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work

ANSWERS: 31. workaround, 32. evaporation, 33. upheaval, 34. stormwater, 35. astronaut, 36. capita, 37. illuminate, 38. commute

39.	opne occasion	adj.	suitable or happening at a time that is suitable or convenient for a particular purpose
40.	asut in training	<i>n</i> .	a person trained by a space agency to travel outside the Earth's atmosphere
41.	Imperial saon	n.	official permission or approval for an action, especially an economic or political action by a government or international organization; a penalty or punishment imposed for breaking the law, rule, or agreement; (verb) to impose a penalty or punishment for breaking the law, rule, or agreement
42.	Nean physics	adj.	relating to Sir Isaac Newton or his laws of motion and universal gravitation
43.	rent population	adj.	able to withstand or recover quickly from difficult conditions
44.	low-r_v engine	n.	a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number or rotations per minute
45.	inte the quality of his life	<i>v</i> .	to introduce new methods, ideas, or products
46.	cht in the chapel	n.	a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation
47.	stoer runoff	n.	water that accumulates during and after rainfall or snowmelt, usually flowing into waterways, sewers, or drainage systems

ANSWERS: 39. opportune, 40. astronaut, 41. sanction, 42. Newtonian, 43. resilient, 44. rev, 45. innovate, 46. chant, 47. stormwater

48.	cht melodies	n.	a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation
49.	a hard and rent steel	adj.	able to withstand or recover quickly from difficult conditions
50.	inte a new method	<i>v</i> .	to introduce new methods, ideas, or products
51.	software wornd	n.	a temporary or unconventional solution to a problem or issue that enables progress or completion of a task despite obstacles or limitations
52.	floin management	n.	an area of flat land adjacent to a river or stream that is subject to periodic flooding

ANSWERS: 48. chant, 49. resilient, 50. innovate, 51. workaround, 52. floodplain

Session 3: Fill in the Blanks

1.	The soccer game crowd broke into a of "Go, team, go!"
n.	a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation
2.	The motion of planets can be described using mechanics.
adj	i. relating to Sir Isaac Newton or his laws of motion and universal gravitation
3. n.	The town was built on a making it vulnerable to natural disasters. an area of flat land adjacent to a river or stream that is subject to periodic flooding
4.	During the hurricane, we felt against the winds and rain.
adj	i. lacking power, strength, or authority; unable to act or affect change
5.	The drainage system must be improved to prevent flooding in the neighborhood.
n.	water that accumulates during and after rainfall or snowmelt, usually flowing into waterways, sewers, or drainage systems
6.	We are responsible for the care and of all our employees.
n.	the state of being happy and healthy and prosperous
7.	When the software crashed, I had to devise a quick to save my progress.
n.	a temporary or unconventional solution to a problem or issue that enables progress or completion of a task despite obstacles or limitations
	SWERS: 1. chant, 2. Newtonian, 3. floodplain, 4. powerless, 5. stormwater, 6. II-being, 7. workaround

ANSWERS: 8. opportune, 9. elevates, 10. transpired, 11. evaporation, 12. capita, 13. obtainable, 14. upheaval, 15. astronaut

Vocab-Builder Ref from "Virginia Smith: How we could better predict and stop floods | TED Talk" (26 words)

ANSWERS: 23. illuminated, 24. innovate, 25. resilient, 26. rev