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Vocabulary Builder Reference from...

Suchitra Krishnan-Sarin: What you should know about vaping and e-cigarettes | TED Talk https://www.ted.com/talks/suchitra_krishnan_sarin_w hat_you_should_know_about_vaping_and_e_cigarett es



Advanced Words Only

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Session 1: Word List

chime

v. to make a ringing sound, usually by striking an object like a bell or wind chime; to harmonize or agree with something else; (noun) a set of musical bells or metal tubes that produce a musical sound when struck or played

synonym: ring, toll, peal

(1) glass wind chime, (2) chime with the musicThe grandfather clock chimed solemnly, signaling the hour.

fad

 an intense and widely shared enthusiasm for a particular style, activity, or interest that appears suddenly and achieves widespread but short-lived popularity; a craze

synonym: craze, mania, trend

(1) become a **fad**, (2) computer game **fad**His interest in music composition is only a **fad**.

craze

 an enthusiasm for a particular activity, object, or idea that appears suddenly and achieves widespread but short-lived popularity; a fad

synonym: mania, fad, agitation

(1) craze for speculation, (2) fitness crazeWe experienced a craze for electric vehicles as interest in

green tech grew.

newfound

adj. newly discovered or acquiredsynonym: afresh, new, recently discovered

(1) a **newfound** mine, (2) **newfound** freedom

With his **newfound** wealth, he could travel the world and indulge in his passions.

vape

v. to inhale and exhale the vapor (= the gaseous state of a substance) produced by an electronic cigarette or similar device; to smoke a vapor; (noun) the act or practice of inhaling and exhaling vapor produced by an electronic cigarette

synonym: smoke, puff, inhale

(1) vape pen, (2) vape smokes

She decided to **vape** a refreshing mint-flavored e-liquid to satisfy her nicotine cravings.

inhale

- v. to breathe in air or a different substance, such as smoke synonym: breathe in, take in, draw in
- (1) **inhale** the smoke, (2) **inhale** the aroma He **inhaled** deeply, trying to calm down.

aerosol

 a substance enclosed under pressure and released as a fine spray, typically one used for medical purposes or cosmetic application

synonym: spray, mist, fog

(1) aerosol container, (2) aerosol can

She waited a few seconds after spraying the **aerosol** insecticide before entering the room.

smoker

- a person who smokes tobacco regularly, or a device used for smoking
- (1) **smoker** behavior, (2) an inveterate **smoker**Many **smokers** are aware of the health risks associated with smoking but find it difficult to quit.

nicotine

 a colorless, oily, poisonous chemical compound found in tobacco leaves, which is highly addictive and acts as a stimulant, affecting the nervous system

synonym: tobacco, smoke

(1) **nicotine** patch, (2) **nicotine** replacement therapy Smoking cigarettes exposes the body to high levels of **nicotine**, which can be addictive.

smartphone

- a mobile phone that functions as a computer and connects to the Internet
- (1) **smartphone** app developer, (2) **smartphone** addict Internet traffic volumes have increased significantly with the advent of **smartphones**.

recharge

v. to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep

synonym: renew, refresh, replenish

(1) **recharge** brain and body, (2) **recharge** energy He needed to **recharge** his phone before the meeting.

synchronize

- v. to happen or cause to happen at the same time or rate synonym: coordinate, accompany, harmonize
- (1) **synchronize** movements, (2) **synchronize** our watches The ball speed will increase when the lower body movements are perfectly **synchronized**.

psyche

- n. the human soul, mind, or spiritsynonym: mind, soul, spirit
- (1) deep **psyche**, (2) **psyche** healing
 The therapist helped her understand the workings of her **psyche** and how to cope with her anxiety.

impulsive

adj. acting suddenly without any planning and without considering the effects they may have

synonym: abrupt, hasty, capricious

(1) an impulsive force, (2) do impulsive buying

He regrets the **impulsive** behavior he took in his drunken state.

craving

- n. a strong desire of wanting somethingsynonym: desire, appetite, longing
- (1) **craving** for revenge, (2) curb our **cravings** I have a **craving** for nicotine.

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.

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.

drip

- v. to fall in drops or make it fall in drops; (noun) liquid or moisture that falls in drops
- synonym: drop, drizzle, trickle
- (1) **drip** liquid, (2) **drip** from the vicious wound Water is **dripping** from the faucet.

discreet

- adj. characterized by the ability to keep secrets or maintain confidentiality; showing prudence, tact, or reserve in behavior or speech; not likely to draw attention or cause offense
- synonym: cautious, careful, circumspect
- (1) discreet manner, (2) discreet conversation
 He was discreet with the sensitive information he had been entrusted with.

astound

- v. to surprise or shock someone with wonder very much synonym: amaze, astonish, surprise
- (1) **astound** everyone, (2) **astound** the viewer The final result was nothing short of **astounding**.

receptacle

a container or device used to receive or hold something;
 a place where things are deposited or collected

synonym: container, holder, vessel

(1) **receptacle** for liquids, (2) flower **receptacle**The recycling bin is the designated **receptacle** for all plastic and paper waste.

mouthpiece

 the part of a wind instrument that the player blows into; a device or object that is used for communication or expression

synonym: nozzle, outlet, conduit

(1) the **mouthpiece** of the government, (2) the **mouthpiece** of a saxophone

He spoke into the **mouthpiece** of the microphone.

propylene

- a chemical compound that is a colorless and flammable gas obtained by cracking petroleum, especially used for making polymers
- (1) **propylene** oxide, (2) ethylene- **propylene** rubber **Propylene** is an important raw material for plastics, other synthetic resins, and petrochemicals.

glycol

 a type of organic compound containing two hydroxyls (-OH) groups, often used as a coolant or antifreeze in vehicles, airplanes, and industrial processes

synonym: ethanediol, dihydric alcohol

(1) **glycol** solution, (2) **glycol-based** coolant Ethylene **glycol** is commonly used as a coolant in automobile engines because of its ability to lower the freezing point of water.

glycerin

- a sweet, colorless, odorless, syrupy liquid used as a solvent and emollient in a variety of industries, including the food, cosmetic, and pharmaceutical industries
- (1) vegetable **glycerin**, (2) **glycerin-free** moisturizer The pharmacist suggested using **glycerin** soap to help my dry skin because of its hydrating properties.

edible

- *adj.* fit or safe to be eaten; able to be consumed as food *synonym*: esculent, comestible, digestible
- non- edible ingredients, (2) edible vegetables
 made sure to pick only edible mushrooms for our dinner.

catchy

- adj. pleasing and easy to remember; likely to attract attention synonym: captivating, haunting, memorable
- (1) **catchy** nickname, (2) a **catchy** title for a movie This track starts with a **catchy** guitar riff.

unicorn

- a mythical horse-like creature with a single horn on its forehead; a privately held startup company that reached a valuation of \$1 billion
- synonym: mythical creature, fantasy animal, legendary horse
- (1) **unicorn** beetle, (2) **unicorn** investors In medieval times, people believed that the **unicorn** horn had magical powers that could cure diseases.

puke

- v. to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatredsynonym: vomit, hurl, upchuck
- puke my guts, (2) puke in the toilet
 The smell of rotting food made him puke in disgust.

chromium

 a metallic element with the symbol Cr and atomic number 24, commonly used in the production of alloys, electroplating, and stainless steel

synonym: Cr

(1) chromium mining, (2) chromium supplementChromium-plated fixtures are popular because of their

corrosion resistance.

cadmium

- n. a soft, bluish-white metallic element with the atomic number 48 and the symbol Cd that is used in batteries, pigments, and other products and can be toxic if ingested or inhaled
- (1) **cadmium** poisoning, (2) **cadmium** coatings **Cadmium** batteries have a longer lifespan and higher energy density than other types of batteries.

addict

 a person who cannot stop using or doing something as a habit, especially something harmful

synonym: devotee, buff, freak

(1) a drug addict, (2) Internet addict

We have become TV **addicts** due to video streaming services.

quitter

 a person who gives up easily or does not have the determination to finish what they have started

synonym: coward, deserter, surrender

(1) easy quitter, (2) serial quitter

He was labeled as a **quitter** after he abandoned the project halfway.

quote

v. to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services

synonym: cite, reference, mention

(1) quote a source, (2) quote a price

In his speech, he **quoted** a famous philosopher to emphasize his point.

pediatrics

 the branch of medicine that deals with the care and treatment of children

synonym: pedology, child health

(1) pediatrics department, (2) pediatrics clinic

I am studying **pediatrics** in medical school because I love

working with children.

hallmark

 a distinctive characteristic or attribute of a person or thing

synonym: symbol, authentication, indication

(1) the **hallmark** of a good scientist, (2) the **hallmark** of modern life

A clear and simple expression is the **hallmark** of good writing.

acetylcholine

n. a neurotransmitter chemical that is involved in the transmission of signals between nerve cells and the activation of muscle cells, which plays an important role in the functioning of the nervous system and in generating movement and behavior in animals

synonym: neurotransmitter, cholinergic

(1) **acetylcholine** receptor, (2) **acetylcholine** molecule Low levels of **acetylcholine** have been linked to symptoms of Alzheimer's disease.

neurotoxin

- a poisonous substance that damages or destroys nerve tissue and causes neurological damage or dysfunction; a toxin that specifically targets the nervous system
- (1) snake **neurotoxin**, (2) lethal **neurotoxin**Certain types of fish contain **neurotoxins** that can harm humans if ingested.

hyperactive

 adj. excessively or abnormally active, restless, or easily excitable, particularly about children or animals with attention deficit hyperactivity disorder (ADHD)

synonym: hyperkinetic, overactive, restless

(1) **hyperactive** child, (2) **hyperactive** imagination The **hyperactive** dog was running around the house, knocking things over.

epigenetic

adj. relating to changes in gene expression that are not caused by alterations in the underlying DNA sequence

but rather by modifications to the structure of DNA or proteins that regulate gene activity

synonym: environmental, hereditary, inherited

(1) **epigenetic** inheritance, (2) **epigenetic** markers **Epigenetic** research has opened up new possibilities for the treatment of certain diseases.

heritable

adj. able to be passed down or transmitted from one generation to the next

synonym: inherited, passed down, transmitted

(1) non- **heritable** variation, (2) **heritable** disease The **heritable** trait was passed down through the generations.

vaporize

 to convert a substance into vapor or gas, often by heating or applying intense pressure; to disappear or become dispersed as if by evaporating; to destroy or eliminate completely

synonym: evaporate, disappear, vanish

(1) **vaporize** nicotine, (2) **vaporize** into thin air The heat caused the water to **vaporize** into steam.

colossal

adj. extremely large and impressivesynonym: gigantic, huge, enormous

(1) **colossal** statue, (2) a **colossal** success The new building is truly **colossal**, towering over the surrounding buildings.

vigilance

 n. the state of being watchful, alert, and attentive to potential dangers or threats; careful attention to detail and an active effort to prevent harm or damage

synonym: watchfulness, attentiveness, alertness

(1) exercise vigilance,(2) heightened vigilanceConstant vigilance is crucial for preventing home burglaries.

toxin

 a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

synonym: poison, venom, contaminant

(1) toxin exposure, (2) toxin production

Mold exposure can release dangerous toxins into the air.

benign

adj. kind and gentle; not harmful or malicious

synonym: kind, gentle, harmless

(1) benign tumor, (2) a benign smile

The lump was discovered to be **benign**, and no further treatment was needed.

unhealthy

 adj. not conducive to good health; detrimental to physical or mental well-being

synonym: unwholesome, detrimental, insalubrious

(1) unhealthy diet, (2) unhealthy habit

Sitting for long hours in front of the computer is considered **unhealthy**.

Session 2: Spelling

1.	ine the aroma	v.	to breathe in air or a different substance, such as smoke
2.	gll-based coolant	n.	a type of organic compound containing two hydroxyls (-OH) groups, often used as a coolant or antifreeze in vehicles, airplanes, and industrial processes
3.	smane app developer	n.	a mobile phone that functions as a computer and connects to the Internet
4.	prne oxide	n.	a chemical compound that is a colorless and flammable gas obtained by cracking petroleum, especially used for making polymers
5.	ve smokes	ν.	to inhale and exhale the vapor (= the gaseous state of a substance) produced by an electronic cigarette or similar device; to smoke a vapor; (noun) the act or practice of inhaling and exhaling vapor produced by an electronic cigarette
6.	nend freedom	adj.	newly discovered or acquired
7.	rege energy	v.	to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep
8.	the mouce of the government	n.	the part of a wind instrument that the player blows into; a device or object that is used for communication or expression

ANSWERS: 1. inhale, 2. glycol, 3. smartphone, 4. propylene, 5. vape, 6. newfound, 7. recharge, 8. mouthpiece

ANSWERS: 9. quitter, 10. epigenetic, 11. fad, 12. propylene, 13. impulsive, 14. pediatrics, 15. catchy, 16. craze, 17. cadmium

be toxic if ingested or inhaled

ANSWERS: 18. receptacle, 19. catchy, 20. puke, 21. smoker, 22. discreet, 23. drip, 24. colossal, 25. edible, 26. toxin, 27. nicotine

compound found in tobacco leaves, which is highly addictive and acts as a stimulant, affecting the nervous system

ANSWERS: 28. smartphone, 29. discreet, 30. benign, 31. chromium, 32. psyche, 33. neurotoxin, 34. vaporize, 35. hyperactive, 36. vape

ANSWERS: 37. addict, 38. pediatrics, 39. nicotine, 40. inhale, 41. benign, 42. mouthpiece, 43. puke, 44. chime, 45. hyperactive

ANSWERS: 46. heritable, 47. astound, 48. newfound, 49. heritable, 50. fad, 51. vigilance, 52. vaporize, 53. chime, 54. craving, 55. aerosol

- 56. qu__e a price
- 57. an im____ve force
- 58. un___n beetle
- 59. in____te a new method
- 60. ace____ine receptor

- 61. a qu_k of fate
- 62. cr_e for speculation
- 63. gl | I solution

- v. to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services
- adj. acting suddenly without any planning and without considering the effects they may have
- a mythical horse-like creature with a single horn on its forehead; a privately held startup company that reached a valuation of \$1 billion
- v. to introduce new methods, ideas, or products
- n. a neurotransmitter chemical that is involved in the transmission of signals between nerve cells and the activation of muscle cells, which plays an important role in the functioning of the nervous system and in generating movement and behavior in animals
- a peculiar behavior, habit, or characteristic that is distinctive to an individual or group
- an enthusiasm for a particular activity, object, or idea that appears suddenly and achieves widespread but short-lived popularity; a fad
- a type of organic compound containing two hydroxyls (-OH) groups, often used as a coolant or antifreeze in vehicles, airplanes, and industrial processes

ANSWERS: 56. quote, 57. impulsive, 58. unicorn, 59. innovate, 60. acetylcholine, 61. quirk, 62. craze, 63. glycol

64. a co al success

65. the ha____rk of modern life

66. deep ps___e

67. Internet ad t

68. as d everyone

69. personality qu__k

70. to n exposure

71. cr g for revenge

72. syn____ze our watches

73. ch um supplement

74. ae___l container

adj. extremely large and impressive

a distinctive characteristic or attribute of n. a person or thing

the human soul, mind, or spirit n.

a person who cannot stop using or n. doing something as a habit, especially something harmful

to surprise or shock someone with wonder very much

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

a poisonous substance produced by a n. living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

a strong desire of wanting something n.

to happen or cause to happen at the ν. same time or rate

a metallic element with the symbol Cr n. and atomic number 24, commonly used in the production of alloys, electroplating, and stainless steel

a substance enclosed under pressure and released as a fine spray, typically one used for medical purposes or cosmetic application

ANSWERS: 64. colossal, 65. hallmark, 66. psyche, 67. addict, 68. astound, 69. quirk, 70. toxin, 71. craving, 72. synchronize, 73. chromium, 74. aerosol

ANSWERS: 75. glycerin, 76. synchronize, 77. unhealthy, 78. innovate, 79. cadmium, 80. receptacle, 81. glycerin, 82. vigilance, 83. drip

ocab-l	Builder Ref from "Suchitra Krishnan-Sarin: What you sh	ould k	know about vaping and e-cigarettes TED Talk" (47 word
84.	que a source	ν.	to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services
85.	aceine molecule	n.	a neurotransmitter chemical that is involved in the transmission of signals between nerve cells and the activation of muscle cells, which plays an important role in the functioning of the nervous system and in generating movement and behavior in animals
86.	non-ede ingredients	adj.	fit or safe to be eaten; able to be consumed as food
87.	the hark of a good scientist	n.	a distinctive characteristic or attribute of a person or thing
88.	unhy habit	adj.	not conducive to good health; detrimental to physical or mental well-being
89.	rege brain and body	ν.	to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep
90.	snake neuin	n.	a poisonous substance that damages of destroys nerve tissue and causes neurological damage or dysfunction; a toxin that specifically targets the nervous system
91.	an inveterate smr	n.	a person who smokes tobacco regularly, or a device used for smoking
AN	SWERS: 84. quote, 85. acetylcholine, 8	6. e	dible, 87. hallmark, 88. unhealthy, 89.

ANSWERS: 84. quote, 85. acetylcholine, 86. edible, 87. hallmark, 88. unhealthy, 89. recharge, 90. neurotoxin, 91. smoker

- 92. un___n investors
- 93. serial qu____r
- 94. epi____ic inheritance

- n. a mythical horse-like creature with a single horn on its forehead; a privately held startup company that reached a valuation of \$1 billion
- a person who gives up easily or does not have the determination to finish what they have started
- adj. relating to changes in gene expression that are not caused by alterations in the underlying DNA sequence but rather by modifications to the structure of DNA or proteins that regulate gene activity

ANSWERS: 92. unicorn, 93. quitter, 94. epigenetic

Session 3: Fill in the Blanks

1.	Sitting for long hours in front of the computer is considered
ad	i. not conducive to good health; detrimental to physical or mental well-being
2.	This track starts with a guitar riff.
ad	j. pleasing and easy to remember; likely to attract attention
3.	fixtures are popular because of their corrosion resistance.
n.	a metallic element with the symbol Cr and atomic number 24, commonly used in the production of alloys, electroplating, and stainless steel
4.	Constant is crucial for preventing home burglaries.
n.	the state of being watchful, alert, and attentive to potential dangers or threats; careful attention to detail and an active effort to prevent harm or damage
5.	The recycling bin is the designated for all plastic and paper waste.
n.	a container or device used to receive or hold something; a place where things are deposited or collected
6.	He was labeled as a after he abandoned the project halfway.
n.	a person who gives up easily or does not have the determination to finish what they have started
7.	In his speech, he a famous philosopher to emphasize his point.
v.	to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services
	SWERS: 1. unhealthy, 2. catchy, 3. Chromium-plated, 4. vigilance, 5. receptacle, quitter, 7. quoted

8.	research has opened up new possibilities for the treatment of
	certain diseases.
adj	relating to changes in gene expression that are not caused by alterations in the underlying DNA sequence but rather by modifications to the structure of DNA or proteins that regulate gene activity
9.	The therapist helped her understand the workings of her and how to cope with her anxiety.
n.	the human soul, mind, or spirit
10.	The ball speed will increase when the lower body movements are perfectly
v.	to happen or cause to happen at the same time or rate
11.	We experienced a for electric vehicles as interest in green tech grew.
n.	an enthusiasm for a particular activity, object, or idea that appears suddenly and achieves widespread but short-lived popularity; a fad
12.	The trait was passed down through the generations.
adj	able to be passed down or transmitted from one generation to the next
13.	He was with the sensitive information he had been entrusted with.
adj	characterized by the ability to keep secrets or maintain confidentiality; showing prudence, tact, or reserve in behavior or speech; not likely to draw attention or cause offense
14.	The smell of rotting food made him in disgust.
<i>v</i> .	to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred
	SWERS: 8. Epigenetic, 9. psyche, 10. synchronized, 11. craze, 12. heritable, 13. creet, 14. puke

30.	He needed to his phone before the meeting.
v.	to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep
31.	She decided to a refreshing mint-flavored e-liquid to satisfy her nicotine cravings.
ν.	to inhale and exhale the vapor (= the gaseous state of a substance) produced by an electronic cigarette or similar device; to smoke a vapor; (noun) the act or practice of inhaling and exhaling vapor produced by an electronic cigarette
32.	Mold exposure can release dangerous into the air.
n.	a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism
33.	One of her is that she always wears mismatched socks.
n.	a peculiar behavior, habit, or characteristic that is distinctive to an individual or group
34.	Low levels of have been linked to symptoms of Alzheimer's disease.
n.	a neurotransmitter chemical that is involved in the transmission of signals between nerve cells and the activation of muscle cells, which plays an important role in the functioning of the nervous system and in generating movement and behavior in animals
35.	The lump was discovered to be and no further treatment was needed.
adj	kind and gentle; not harmful or malicious
36.	Companies developing self-driving cars consistently the emerging technologies.
v.	to introduce new methods, ideas, or products
	SWERS: 30. recharge, 31. vape, 32. toxins, 33. quirks, 34. acetylcholine, 35. nign, 36. innovate

37.	A clear and simple expression is the of good writing.
n.	a distinctive characteristic or attribute of a person or thing
38.	The pharmacist suggested using soap to help my dry skin because of its hydrating properties.
n.	a sweet, colorless, odorless, syrupy liquid used as a solvent and emollient in a variety of industries, including the food, cosmetic, and pharmaceutical industries
39.	She waited a few seconds after spraying the insecticide before entering the room.
n.	a substance enclosed under pressure and released as a fine spray, typically one used for medical purposes or cosmetic application
	The new building is truly towering over the surrounding buildings. i. extremely large and impressive
41.	He regrets the behavior he took in his drunken state.
adj	acting suddenly without any planning and without considering the effects they may have
42.	Smoking cigarettes exposes the body to high levels of which can be addictive.
n.	a colorless, oily, poisonous chemical compound found in tobacco leaves, which is highly addictive and acts as a stimulant, affecting the nervous system
43.	Many are aware of the health risks associated with smoking but find it difficult to quit.
n.	a person who smokes tobacco regularly, or a device used for smoking
ANSWERS: 37. hallmark, 38. glycerin, 39. aerosol, 40. colossal, 41. impulsive, 42. nicotine, 43. smokers	

ANSWERS: 44. smartphones, 45. addicts, 46. mouthpiece, 47. astounding