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Vocabulary Builder Reference from...

Leor Weinberger: Can we create vaccines that

mutate and spread? | TED Talk

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

reate_vaccines_that_mutate_and_spread



Advanced Words Only

IMPORTANT

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Session 1: Word List

quarantine

 a state of isolation imposed on people or animals to prevent the spread of disease

synonym: isolation, confinement, restriction

(1) out of **quarantine**, (2) mandatory **quarantine**Due to the outbreak, the government imposed a two-week **quarantine** for all travelers.

epicenter

n. the point on the earth's surface directly above the focus of an earthquake

synonym: ground zero, focus, center

(1) the **epicenter** of the sports world, (2) **epicenter** magnitude

The **epicenter** of the earthquake was located deep beneath the earth's surface.

coronavirus

n. a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

synonym: covid

(1) **coronavirus** antibody test kit, (2) **coronavirus** bankruptcy

Considering the situation of **coronavirus**, organized stopped this year's beer festival.

terrify

- v. to frighten someone very much
- synonym: unnerve, scare, horrify
- (1) terrify people, (2) the threats terrify him

It would be best not to **terrify** your associates into doing complex tasks.

porous

- adj. having many small holes and being able to absorb or pass through fluids
- synonym: permeable, spongy, absorbent
- (1) **porous** materials, (2) **porous** membrane

Our unfenced and largely unpoliced border inevitably has been very **porous** for insurgents.

mismatch

- to put together or match items that are not compatible or do not fit well together; to be different from or not correspond to something else
- synonym: mismatch, discord, clash
- (1) mismatch expectations, (2) mismatch socks

The colors of the shirt and pants totally **mismatch**, making the outfit look ridiculous.

devote

- v. to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose
- synonym: commit, dedicate, apply
- (1) **devote** all of my energies, (2) **devote** my own life He **devoted** himself to studying the history of ancient civilizations.

pandemic

 an outbreak of a disease that affects many people over a very wide area

synonym: outbreak

(1) flu pandemic, (2) global pandemic

They fear a **pandemic** of a new type of virus.

infect

v. to affect a person, an animal, or a plant with a disease-causing organism

synonym: pollute, contaminate, affect

(1) **infect** other animal species, (2) **infect** a computer with a virus

Children often **infect** parents with this head cold.

antiviral

- adj. inhibiting or stopping the growth and reproduction of viruses; (noun) any drug that destroys viruses
- (1) antiviral effect, (2) an antiviral agent

The doctor immediately prescribed antiviral drugs.

barefoot

adj. without shoes or other foot coverings; wearing nothing on the feet

synonym: bare, shoeless, unshod

(1) barefoot walk, (2) barefoot fashion

The **barefoot** hiker enjoyed feeling the earth beneath their feet.

disparity

 a significant difference or inequality between two or more things

synonym: difference, inequality, gap

(1) the **disparity** between theory and reality, (2) income **disparity**

There is a significant **disparity** in pay between men and women in the company.

regimen

 a prescribed course of medical treatment, diet, or exercise for the promotion or restoration of health

synonym: routine, program, schedule

fitness regimen,
 regimen of chemotherapy
 doctor prescribed a strict regimen of exercise and healthy

eating to help me lose weight.

adversity

n. difficulties or hardships that someone faces

synonym: hardship, difficulty, trial

(1) environmental **adversity**, (2) struggling with **adversity** The team demonstrated great resilience in the face of **adversity** and won the game.

parlance

n. the way in which a particular group or community uses language; the specific terms, expressions, and jargon used by people in a particular field, profession, or social group

synonym: jargon, vernacular, dialect

(1) legal **parlance**, (2) common **parlance**In medical **parlance**, a heart attack is a myocardial infarction.

spreader

a person or thing that spreads something, such as a disease, rumor, or substance

synonym: distributor, carrier, transmitter

(1) fertilizer **spreader**, (2) **spreader** of germs

The person who attended the party while having COVID-19 became a virus **spreader**.

stigma

 a mark of shame or disgrace associated with a particular circumstance, quality, or person

synonym: mark, blemish, disgrace

(1) social **stigma**, (2) **stigma** against obesity

The mental health **stigma** often prevents people from seeking treatment.

payoff

the outcome or result of an action or series of actions;
 the return or reward gained from an investment, effort,
 or risk

synonym: reward, compensation, return

(1) financial **payoff**, (2) emotional **payoff**The **payoff** for all my hard work was finally getting a promotion.

fascinate

to attract and hold the attention of someone deeply and irresistibly

synonym: captivate, intrigue, mesmerize

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pary and

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

malware

a type of software designed to damage, disrupt, or gain unauthorized access to a computer system or network
 synonym: virus, malicious software, spyware

malware attack, (2) prevent malware
 My computer was infected with malware, and it caused many

problems.

hijack

churn

v. to seize control of an airplane or other vehicle during an operation, especially with violence

synonym: commandeer, seize, pirate

- (1) **hijack** a helicopter, (2) **hijack** a phone number He made a desperate effort to **hijack** an airliner.
- v. to stir or agitate a liquid, substance, or mixture vigorously to produce foam or because of violent movement; to cause a large number of people to move or leave; to produce something, such as money, through continuous activity or turnover

synonym: stir, agitate, whirl

(1) **churn** out manufactured goods, (2) **churn** in my stomach

The cream needs to be **churned** for several minutes before it becomes butter.

magnify

v. to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder

synonym: enlarge, elaborate, intensify

(1) **magnify** the danger, (2) **magnify** the image for display Terrorists often attempt to **magnify** the economic impact of their acts of destruction.

squiggle

 a curly or wavy line or mark, especially one that is irregular or difficult to follow; (verb) to draw or write something in a wavy or irregular manner, often with a series of small curves or loops

synonym: squiggle, doodle, scribble

(1) squiggle line, (2) wavy squiggle

My signature always has a little **squiggle** at the end.

amputate

- v. to cut off a part of the body, especially by surgery synonym: cut off, cut away
- (1) **amputate** both legs, (2) **amputate** below the knee Finally, they had to **amputate** his foot to free him from the wrecked car.

commandeer

- v. to take control or possession of something, usually by force or without the owner's consent; to requisition something, typically a vehicle or building, for military use synonym: seize, confiscate, expropriate
- (1) **commandeer** a vehicle, (2) **commandeer** private property

The army decided to **commandeer** the local hotel as a temporary headquarters.

intellect

n. the ability to think logically and comprehend information, especially at an advanced level

synonym: mind, brightness, cleverness

(1) enrich my **intellect**, (2) human **intellect**Your **intellect** is capable of distinguishing among similar objects.

monologue

 a solo speech or performance given by one person, typically in a theatrical or storytelling context, and often used to reveal aspects of the speaker's thoughts, feelings, or backstory

synonym: soliloquy, speech, address

(1) inner **monologue**, (2) deliver a **monologue**The actor's **monologue** was so powerful that the audience was moved to tears.

inadvertently

 adv. unintentionally; accidentally; without purpose or deliberate intent

synonym: unknowingly, unintentionally, accidentally

(1) **inadvertently** deleted, (2) **inadvertently** omitted I **inadvertently** left my phone at home this morning and felt lost.

eradicate

v. to get rid of or destroy something completely, especially something bad

synonym: destroy, eliminate, exterminate

- (1) **eradicate** the deficit, (2) **eradicate** racial discrimination We are trying to **eradicate** this disease from the world.
- an acute infectious disease caused by a virus that attacks nerve cells in the spinal cord and brain, leading to paralysis, muscle weakness, and potentially lifelong disability

synonym: poliomyelitis, infantile paralysis

(1) polio epidemic, (2) polio eradication

The **polio** vaccine development is regarded as one of the greatest medical achievements of the 20th century.

flask

polio

 a container with a narrow neck and wide, flat body used for holding and carrying liquids

synonym: bottle, container, vial

(1) lab **flask**, (2) vacuum **flask**

The chemist poured the solution from the beaker into the **flask**.

foothold

a secure or reliable position in a particular situation,
 allowing for further progress or expansion; a firm grip or support on a surface

synonym: toehold, base, foundation

(1) establish a foothold, (2) military foothold

The company is looking to gain a **foothold** in the emerging market.

hurdle

- n. a barrier or obstacle that must be overcomesynonym: obstacle, barrier, challenge
- (1) overcome hurdles, (2) hurdle race

The company faced several **hurdles** in the development of its new product.

skeptical

adj. doubting that something is accurate or useful synonym: doubtful, distrustful, suspicious

(1) a **skeptical** attitude, (2) **skeptical** scientists

His religious and philosophical beliefs were utterly **skeptical**.

altruistic

- adj. showing a selfless and disinterested concern for the happiness and well-being of other peoplesynonym: altruistic, philanthropic, generous
- (1) **altruistic** behavior, (2) **altruistic** instincts in social animals

The company tried to build an altruistic image.

preclinical

- adj. of or relating to the early phases of a disease when an accurate diagnosis is not possible because symptoms of the disease have not yet appeared; of or relating to the first stage of a medical education
- (1) **preclinical** diagnosis, (2) **preclinical** safety evaluation The doctor suspected that the patient was in the **preclinical** stage of Alzheimer's disease.

strident

adj. loud, harsh, and grating to the ears; presenting a forceful or insistent tone or manner

synonym: shrill, loud, piercing

(1) strident call for action, (2) strident criticism

Her **strident** voice made it difficult for anyone to ignore her.

misinformation

 information that is false or inaccurate, or the act of giving wrong information, especially deliberately

synonym: falsity, misreport, misstatement

(1) **misinformation** about a vaccine, (2) combat **misinformation** on social media

The government called for caution against pseudoscientific **misinformation** about vaccines.

affluent

adj. rich and wealthy; having a lot of money and material wealth

synonym: wealthy, rich, prosperous

(1) **affluent** society, (2) live in **affluent** circumstances She lived in an **affluent** neighborhood surrounded by wealth and luxury.

Session 2: Spelling

1.	military fold	n.	a secure or reliable position in a particular situation, allowing for further progress or expansion; a firm grip or support on a surface
2.	the dity between theory and reality	n.	a significant difference or inequality between two or more things
3.	hue race	n.	a barrier or obstacle that must be overcome
4.	may the image for display	ν.	to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
5.	social sta	n.	a mark of shame or disgrace associated with a particular circumstance, quality, or person
6.	baot walk	adj.	without shoes or other foot coverings; wearing nothing on the feet
7.	fertilizer sper	n.	a person or thing that spreads something, such as a disease, rumor, or substance
8.	pos materials	adj.	having many small holes and being able to absorb or pass through fluids
9.	int a computer with a virus	v.	to affect a person, an animal, or a plant with a disease-causing organism
10.	environmental adty	n.	difficulties or hardships that someone

ANSWERS: 1. foothold, 2. disparity, 3. hurdle, 4. magnify, 5. stigma, 6. barefoot, 7. spreader, 8. porous, 9. infect, 10. adversity

faces

11.	wavy sqle	n.	a curly or wavy line or mark, especially one that is irregular or difficult to follow; (verb) to draw or write something in a wavy or irregular manner, often with a series of small curves or loops
12.	enrich my inct	n.	the ability to think logically and comprehend information, especially at an advanced level
13.	poo eradication	n.	an acute infectious disease caused by a virus that attacks nerve cells in the spinal cord and brain, leading to paralysis, muscle weakness, and potentially lifelong disability
14.	sper of germs	n.	a person or thing that spreads something, such as a disease, rumor, o substance
15.	eper magnitude	n.	the point on the earth's surface directly above the focus of an earthquake
16.	stnt criticism	adj.	loud, harsh, and grating to the ears; presenting a forceful or insistent tone or manner
17.	vacuum flk	n.	a container with a narrow neck and wide, flat body used for holding and carrying liquids
18.	out of quane	n.	a state of isolation imposed on people or animals to prevent the spread of disease
19.	sta against obesity	n.	a mark of shame or disgrace associated with a particular circumstance, quality, or person

ANSWERS: 11. squiggle, 12. intellect, 13. polio, 14. spreader, 15. epicenter, 16. strident, 17. flask, 18. quarantine, 19. stigma

ANSWERS: 20. epicenter, 21. misinformation, 22. fascinate, 23. altruistic, 24. coronavirus, 25. flask, 26. malware, 27. altruistic, 28. strident

adj. loud, harsh, and grating to the ears;

manner

presenting a forceful or insistent tone or

28. st nt call for action

29.	prevent mae	n.	a type of software designed to damage, disrupt, or gain unauthorized access to a computer system or network
30.	sqle line	n.	a curly or wavy line or mark, especially one that is irregular or difficult to follow; (verb) to draw or write something in a wavy or irregular manner, often with a series of small curves or loops
31.	amte below the knee	<i>v</i> .	to cut off a part of the body, especially by surgery
32.	baot fashion	adj.	without shoes or other foot coverings; wearing nothing on the feet
33.	a skal attitude	adj.	doubting that something is accurate or useful
34.	afnt society	adj.	rich and wealthy; having a lot of money and material wealth
35.	amte both legs	<i>v</i> .	to cut off a part of the body, especially by surgery
36.	anal effect	adj.	inhibiting or stopping the growth and reproduction of viruses; (noun) any drug that destroys viruses
37.	dee all of my energies	<i>v</i> .	to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose
38.	corus antibody test kit	n.	a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

ANSWERS: 29. malware, 30. squiggle, 31. amputate, 32. barefoot, 33. skeptical, 34. affluent, 35. amputate, 36. antiviral, 37. devote, 38. coronavirus

39.	preal diagnosis	adj.	of or relating to the early phases of a disease when an accurate diagnosis is not possible because symptoms of the disease have not yet appeared; of or relating to the first stage of a medical education
40.	emotional paf	n.	the outcome or result of an action or series of actions; the return or reward gained from an investment, effort, or risk
41.	pos membrane	adj.	having many small holes and being able to absorb or pass through fluids
42.	human inct	n.	the ability to think logically and comprehend information, especially at an advanced level
43.	inatly deleted	adv.	unintentionally; accidentally; without purpose or deliberate intent
44.	inner moue	n.	a solo speech or performance given by one person, typically in a theatrical or storytelling context, and often used to reveal aspects of the speaker's thoughts, feelings, or backstory
45.	common pace	n.	the way in which a particular group or community uses language; the specific terms, expressions, and jargon used by people in a particular field, profession, or social group
46.	comer private property	<i>v</i> .	to take control or possession of something, usually by force or without the owner's consent; to requisition something, typically a vehicle or building, for military use

ANSWERS: 39. preclinical, 40. payoff, 41. porous, 42. intellect, 43. inadvertently, 44. monologue, 45. parlance, 46. commandeer

n. a solo speech or performance given by one person, typically in a theatrical or storytelling context, and often used to reveal aspects of the speaker's thoughts, feelings, or backstory

v. to get rid of or destroy something completely, especially something bad

n. the outcome or result of an action or series of actions; the return or reward gained from an investment, effort, or risk

ANSWERS: 47. affluent, 48. churn, 49. terrify, 50. inadvertently, 51. hijack, 52. foothold, 53. monologue, 54. eradicate, 55. payoff

54. er____te racial discrimination

55. financial pa f

56.	an anal agent	adj.	inhibiting or stopping the growth and reproduction of viruses; (noun) any drug that destroys viruses
57.	mision about a vaccine	n.	information that is false or inaccurate, or the act of giving wrong information, especially deliberately
58.	mich socks	v.	to put together or match items that are not compatible or do not fit well together; to be different from or not correspond to something else
59.	int other animal species	<i>v</i> .	to affect a person, an animal, or a plant with a disease-causing organism
60.	fate the public	<i>v</i> .	to attract and hold the attention of someone deeply and irresistibly
61.	income dity	n.	a significant difference or inequality between two or more things
62.	hik a helicopter	ν.	to seize control of an airplane or other vehicle during an operation, especially with violence
63.	may the danger	v.	to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
64.	dee my own life	v.	to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose
65.	preal safety evaluation	adj.	of or relating to the early phases of a disease when an accurate diagnosis is not possible because symptoms of the disease have not yet appeared; of or relating to the first stage of a medical education

ANSWERS: 56. antiviral, 57. misinformation, 58. mismatch, 59. infect, 60. fascinate, 61. disparity, 62. hijack, 63. magnify, 64. devote, 65. preclinical

66.	fitness ren	n.	treatment, diet, or exercise for the promotion or restoration of health
67.	overcome hues	n.	a barrier or obstacle that must be overcome
68.	tey people	<i>v</i> .	to frighten someone very much
69.	global paic	n.	an outbreak of a disease that affects many people over a very wide area
70.	struggling with adty	n.	difficulties or hardships that someone faces
71.	poo epidemic	n.	an acute infectious disease caused by a virus that attacks nerve cells in the spinal cord and brain, leading to paralysis, muscle weakness, and potentially lifelong disability
72.	chn out manufactured goods	ν.	to stir or agitate a liquid, substance, or mixture vigorously to produce foam or because of violent movement; to cause a large number of people to move or leave; to produce something, such as money, through continuous activity or turnover
73.	flu paic	n.	an outbreak of a disease that affects many people over a very wide area
74.	legal pace	n.	the way in which a particular group or community uses language; the specific terms, expressions, and jargon used by people in a particular field, profession, or social group

ANSWERS: 66. regimen, 67. hurdle, 68. terrify, 69. pandemic, 70. adversity, 71. polio, 72. churn, 73. pandemic, 74. parlance

75. ren of chemotherapy	n.	a prescribed course of medical treatment, diet, or exercise for the promotion or restoration of health
76. comer a vehicle	ν.	to take control or possession of something, usually by force or without the owner's consent; to requisition something, typically a vehicle or building, for military use
77. erte the deficit	<i>v</i> .	to get rid of or destroy something completely, especially something bad
78. skal scientists	adj.	doubting that something is accurate or useful
79. mandatory quane	n.	a state of isolation imposed on people or animals to prevent the spread of disease
80. mich expectations	v.	to put together or match items that are not compatible or do not fit well together; to be different from or not correspond to something else

ANSWERS: 75. regimen, 76. commandeer, 77. eradicate, 78. skeptical, 79. quarantine, 80. mismatch

Session 3: Fill in the Blanks

1.	The of the earthquake was located deep beneath the earth's surface.
n.	the point on the earth's surface directly above the focus of an earthquake
2.	They fear a of a new type of virus.
n.	an outbreak of a disease that affects many people over a very wide area
3.	My computer was infected with and it caused many problems.
n.	a type of software designed to damage, disrupt, or gain unauthorized access to a computer system or network
4.	The actor's was so powerful that the audience was moved to tears.
n.	a solo speech or performance given by one person, typically in a theatrical or storytelling context, and often used to reveal aspects of the speaker's thoughts, feelings, or backstory
5.	Terrorists often attempt to the economic impact of their acts of destruction.
v.	to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
6.	The company tried to build an image.
adj	showing a selfless and disinterested concern for the happiness and well-being of other people
7.	In medical a heart attack is a myocardial infarction.
n.	the way in which a particular group or community uses language; the specific terms, expressions, and jargon used by people in a particular field, profession, or social group
	SWERS: 1. epicenter, 2. pandemic, 3. malware, 4. monologue, 5. magnify, 6. uistic, 7. parlance,

ANSWERS: 8. eradicate, 9. skeptical, 10. inadvertently, 11. hijack, 12. stigma, 13. porous, 14. strident, 15. hurdles, 16. payoff

ANSWERS: 17. churned, 18. regimen, 19. polio, 20. foothold, 21. devoted, 22. fascinated, 23. amputate

24.	The person who attended the party while having COVID-19 became a virus
n.	a person or thing that spreads something, such as a disease, rumor, or substance
25.	The army decided to the local hotel as a temporary headquarters.
v.	to take control or possession of something, usually by force or without the owner's consent; to requisition something, typically a vehicle or building, for military use
26.	The government called for caution against pseudoscientificabout vaccines.
n.	information that is false or inaccurate, or the act of giving wrong information, especially deliberately
27.	The chemist poured the solution from the beaker into the
n.	a container with a narrow neck and wide, flat body used for holding and carrying liquids
28.	The colors of the shirt and pants totally making the outfit look ridiculous.
ν.	to put together or match items that are not compatible or do not fit well together; to be different from or not correspond to something else
29.	My signature always has a little at the end.
n.	a curly or wavy line or mark, especially one that is irregular or difficult to follow; (verb) to draw or write something in a wavy or irregular manner, often with a series of small curves or loops
30.	Due to the outbreak, the government imposed a two-week for all travelers.
n.	a state of isolation imposed on people or animals to prevent the spread of disease
	SWERS: 24. spreader, 25. commandeer, 26. misinformation, 27. flask, 28. match. 29. squiggle. 30. guarantine

ANSWERS: 31. adversity, 32. intellect, 33. disparity, 34. preclinical, 35. affluent, 36. infect, 37. barefoot, 38. terrify

Vocab-Builder Ref from "Leor Weinberger: Can we create vaccines that mutate and spread? | TED Talk" (40 words)

ANSWERS: 39. coronavirus, 40. antiviral