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# Vocabulary Builder Reference from...

Avi Reichental: What's next in 3D printing | TED Talk https://www.ted.com/talks/avi\_reichental\_what\_s\_next\_in\_3d\_printing



# **Advanced Words Only**

#### **IMPORTANT**

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# **Session 1: Word List**

#### cobbler

 a person who makes or repairs shoes; a type of dessert made with fruit and a crumbly topping

synonym: shoemaker, shoe repairperson

(1) cobbler's wax, (2) peach cobbler

The **cobbler's** shop was located on Main Street and was open seven days a week.

#### inherit

v. to receive money, property, or a title from someone after they have died

synonym: obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property After his death, his sons **inherited** his business.

#### 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.

# atrophy

n. a decrease in size of a muscle, organ, etc., caused by disease or disuse

synonym: disintegration, degeneration, wasting away

(1) weakness with **atrophy**, (2) **atrophy** of the muscles Daily exercise and adequate sleep are necessary to prevent

the progression of atrophy.

#### craftsman

 a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials

*synonym*: artisan, mechanic, workman

(1) craftsman skill, (2) a subtle craftsman

The adept **craftsman** carefully carved the wooden figurine with precision and skill.

#### chuck

v. to throw something carelessly or casually; to get rid of something or someone

synonym: toss, throw, discard

(1) chuck the ball across the yard, (2) chuck my jobI will chuck these old shoes in the trash and buy a new pair.

# catapult

- n. a device used to hurl an object a long distancesynonym: launcher, trebuchet, slingshot
- (1) powerful **catapult**, (2) **catapult** mechanism

  The army used a **catapult** to launch large rocks over the castle walls.

#### fabricate

v. to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone

synonym: manufacture, assemble, falsify

(1) **fabricate** a chemical, (2) **fabricate** an excuse The detective discovered that the witness had **fabricated** her story about the crime.

#### hinge

*n.* a joint that holds the edge of a door, window, lid, etc. and allows it to open or close

synonym: joint, pivot

(1) a stiff hinge,(2) insecure hingeHis involvement is the hinge of our plan.

### paralyze

 to cause a person or part of the body to become unable to move or feel

synonym: immobilize, disable, numb

(1) paralyze a city, (2) paralyze a person

The venom from the snake bite **paralyzed** his arm.

#### robotic

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

synonym: automated, mechanical, laborsaving

(1) robotic arm, (2) robotic guide operation

The surgeon removed the tumor using **robotic** video assistance.

#### bionic

- adj. relating to or using technology or devices that enhance or replace biological functions, typically in a way that mimics or improves upon the original
- (1) bionic exoskeleton, (2) bionic technology

The soldier was fitted with a **bionic** arm after losing him in combat.

# 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.

#### reclaim

v. to take back something previously lost, given, or paid, or ask to have it back

synonym: recoup, regain, retake

(1) **reclaim** a competitive position, (2) **reclaim** land from the sea

You may be entitled to **reclaim** some tax.

#### ventilate

v. to supply fresh air to a room, building, etc.; to remove stale air from it

synonym: air out, circulate, freshen

(1) **ventilate** my opinion, (2) **ventilate** air It's important to **ventilate** the room to avoid the buildup of harmful gases.

#### scoliosis

- n. a condition in which the spine is curved to the sidesynonym: curvature, deformity, malformation
- (1) scoliosis treatment, (2) congenital scoliosisHe decided to undergo surgery for scoliosis.

#### brace

 a device, typically one of a pair, for holding something in position or for strengthening an object; (verb) to support or hold steady and make steadfast

synonym: support, clamp, (verb) strengthen

brace for impact, (2) brace my energies
 She wore a brace on her leg to support her injured ankle.

# bracing

adj. refreshing or invigorating; designed to provide support or stability

synonym: invigorating, refreshing, stimulating

(1) bracing air, (2) bracing walk

The athlete performed some **bracing** exercises to warm up before the game.

### amputee

- n. a person who has had an arm or a leg cut off
- (1) quadruple **amputee**, (2) **amputee** runner

**Amputees** often experience an illusion of a phantom limb.

#### reconnect

- v. to connect again after a break or interruption synonym: reopen, rejoin, link up
- (1) **reconnect** a telephone, (2) **reconnect** with family After a long period of estrangement, they **reconnected** with each other.

# spaceship

 n. (especially in science fiction) a spacecraft designed to carry a crew into interstellar space

synonym: starship, rocket, spacecraft

(1) a **spaceship** to survey the moon, (2) alien **spaceship** They launched a crewless **spaceship** into space.

#### audacious

 adj. showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness

synonym: bold, daring, fearless

(1) **audacious** stunt, (2) **audacious** decision

The young entrepreneur had an **audacious** plan to start his own company.

#### moonshot

 an ambitious, risky, and innovative project or goal, especially one that is intended to bring about radical change or breakthroughs in a particular field or industry, often inspired by the lunar landing mission of Apollo 11 in 1969

synonym: initiative, endeavor, pursuit

(1) Al moonshot, (2) moonshot idea

The company's **moonshot** project aims to develop a revolutionary new technology within a tight deadline.

#### delectable

- *adj.* highly pleasing and enjoyable to taste or experience *synonym*: delicious, tasty, scrumptious
- (1) **delectable** dish, (2) **delectable** chocolate

  The **delectable** aroma of freshly baked cookies filled the house.

#### absinthe

 a highly alcoholic and anise-flavored spirit derived from botanicals, typically including wormwood; the plant Artemisia absinthium, commonly known as grand wormwood, from which the spirit gets its name

synonym: wormwood liqueur, green fairy

(1) illegal absinthe, (2) green absinthe

The bartender served a traditional **absinthe** cocktail to the curious customer.

#### rudimentary

adj. relating to basic facts or principles; fundamental synonym: essential, fundamental, elementary

(1) a **rudimentary** plant, (2) **rudimentary** understanding He has only a **rudimentary** knowledge of this topic.

# youngster

n. a young person, typically a child or teenager; a creature that is still in its youth or early stages of developmentsynonym: child, youth, adolescent

(1) **youngster** education, (2) teenage **youngster**The little **youngster** couldn't wait to open their birthday presents.

# haptic

adj. of or relating to or involving the sense of touch synonym: tactile, tactual

(1) **haptic** perception, (2) **haptic** feedback

The player controls the game with a joystick or other **haptic** device.

#### unintended

adj. not planned or meantsynonym: accidental, unconsenting, involuntary

(1) **unintended** bias, (2) **unintended** misunderstanding Excessive human interference in the global environment may bring **unintended** consequences.

#### counterfeit

adj. made in imitation of something else to deceive or defraud; not genuine or authenticsynonym: fake, false, imitation

(1) **counterfeit** document, (2) **counterfeit** money

The company hired a team of experts to identify **counterfeit** products in their supply chain.

# ubiquitous

adj. being or existing everywhere at once synonym: universal, omnipresent, everywhere

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

Sugar is **ubiquitous** in food.

# **Session 2: Spelling**

1.	erte the deficit	<i>v</i> .	to get rid of or destroy something completely, especially something bad
2.	couit money	adj.	made in imitation of something else to deceive or defraud; not genuine or authentic
3.	rudry understanding	adj.	relating to basic facts or principles; fundamental
4.	ubius across ecosystems	adj.	being or existing everywhere at once
5.	green abhe	n.	a highly alcoholic and anise-flavored spirit derived from botanicals, typically including wormwood; the plant Artemisia absinthium, commonly known as grand wormwood, from which the spirit gets its name
6.	fate an excuse	v.	to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
7.	int estate	<i>v</i> .	to receive money, property, or a title from someone after they have died
8.	rem a competitive position	<i>v</i> .	to take back something previously lost, given, or paid, or ask to have it back
9.	calt mechanism	n.	a device used to hurl an object a long distance
10.	illegal abhe	n.	a highly alcoholic and anise-flavored spirit derived from botanicals, typically including wormwood; the plant Artemisia absinthium, commonly known as grand wormwood, from which the spirit gets its name

ANSWERS: 1. eradicate, 2. counterfeit, 3. rudimentary, 4. ubiquitous, 5. absinthe, 6. fabricate, 7. inherit, 8. reclaim, 9. catapult, 10. absinthe

n.	a joint that holds the edge of a door, window, lid, etc. and allows it to open or close
adj.	of or relating to or involving the sense of touch
n.	a device used to hurl an object a long distance
n.	a young person, typically a child or teenager; a creature that is still in its youth or early stages of development
<i>v</i> .	to supply fresh air to a room, building, etc.; to remove stale air from it
adj.	showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness
n.	a decrease in size of a muscle, organ, etc., caused by disease or disuse
n.	a person who makes or repairs shoes; a type of dessert made with fruit and a crumbly topping
n.	a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials
adj.	relating to basic facts or principles; fundamental
n.	an ambitious, risky, and innovative project or goal, especially one that is intended to bring about radical change or breakthroughs in a particular field or industry, often inspired by the lunar landing mission of Apollo 11 in 1969
	adj.  n.  v.  adj.  n.  n.  adj.

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ANSWERS: 11. hinge, 12. haptic, 13. catapult, 14. youngster, 15. ventilate, 16. audacious, 17. atrophy, 18. cobbler, 19. craftsman, 20. rudimentary, 21. moonshot

22.	couit document	adj.	made in imitation of something else to deceive or defraud; not genuine or authentic
23.	auus decision	adj.	showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness
24.	rect with family	<i>v</i> .	to connect again after a break or interruption
25.	delle chocolate	adj.	highly pleasing and enjoyable to taste or experience
26.	quadruple ame	n.	a person who has had an arm or a leg cut off
27.	chk the ball across the yard	v.	to throw something carelessly or casually; to get rid of something or someone
28.	ame runner	n.	a person who has had an arm or a leg cut off
29.	delle dish	adj.	highly pleasing and enjoyable to taste or experience
30.	hac perception	adj.	of or relating to or involving the sense of touch
31.	paze a city	v.	to cause a person or part of the body to become unable to move or feel
32.	weakness with aty	n.	a decrease in size of a muscle, organ, etc., caused by disease or disuse
33.	bre my energies	n.	a device, typically one of a pair, for holding something in position or for strengthening an object; (verb) to support or hold steady and make steadfast

ANSWERS: 22. counterfeit, 23. audacious, 24. reconnect, 25. delectable, 26. amputee, 27. chuck, 28. amputee, 29. delectable, 30. haptic, 31. paralyze, 32. atrophy, 33. brace

34.	opne occasion	adj.	suitable or happening at a time that is suitable or convenient for a particular purpose
35.	insecure hie	n.	a joint that holds the edge of a door, window, lid, etc. and allows it to open or close
36.	ubius computing	adj.	being or existing everywhere at once
37.	roc guide operation	adj.	of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
38.	peach cor	n.	a person who makes or repairs shoes; a type of dessert made with fruit and a crumbly topping
39.	bic exoskeleton	adj.	relating to or using technology or devices that enhance or replace biological functions, typically in a way that mimics or improves upon the original
40.	alien spip	n.	(especially in science fiction) a spacecraft designed to carry a crew into interstellar space
41.	an opne remark	adj.	suitable or happening at a time that is suitable or convenient for a particular purpose
42.	int ancestral property	<i>v</i> .	to receive money, property, or a title from someone after they have died
43.	brg air	adj.	refreshing or invigorating; designed to provide support or stability

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ANSWERS: 34. opportune, 35. hinge, 36. ubiquitous, 37. robotic, 38. cobbler, 39. bionic, 40. spaceship, 41. opportune, 42. inherit, 43. bracing

44.	rem land from the sea	<i>v</i> .	to take back something previously lost, given, or paid, or ask to have it back
45.	cran skill	n.	a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials
46.	congenital scis	n.	a condition in which the spine is curved to the side
47.	a spip to survey the moon	n.	(especially in science fiction) a spacecraft designed to carry a crew into interstellar space
48.	brg walk	adj.	refreshing or invigorating; designed to provide support or stability
49.	erte racial discrimination	<i>v</i> .	to get rid of or destroy something completely, especially something bad
50.	bic technology	adj.	relating to or using technology or devices that enhance or replace biological functions, typically in a way that mimics or improves upon the original
51.	chk my job	<i>v</i> .	to throw something carelessly or casually; to get rid of something or someone
52.	paze a person	<i>v</i> .	to cause a person or part of the body to become unable to move or feel
53.	teenage yoer	n.	a young person, typically a child or teenager; a creature that is still in its youth or early stages of development
54.	fate a chemical	v.	to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone

ANSWERS: 44. reclaim, 45. craftsman, 46. scoliosis, 47. spaceship, 48. bracing, 49. eradicate, 50. bionic, 51. chuck, 52. paralyze, 53. youngster, 54. fabricate

55.	Al moot	n.	an ambitious, risky, and innovative project or goal, especially one that is intended to bring about radical change or breakthroughs in a particular field or industry, often inspired by the lunar landing mission of Apollo 11 in 1969
56.	roc arm	adj.	of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
57.	vete my opinion	<i>v</i> .	to supply fresh air to a room, building, etc.; to remove stale air from it
58.	unied bias	adj.	not planned or meant
59.	unied misunderstanding	adj.	not planned or meant
60.	scis treatment	n.	a condition in which the spine is curved to the side
61.	bre for impact	n.	a device, typically one of a pair, for holding something in position or for strengthening an object; (verb) to support or hold steady and make steadfast
62.	rect a telephone	<i>v</i> .	to connect again after a break or interruption

ANSWERS: 55. moonshot, 56. robotic, 57. ventilate, 58. unintended, 59. unintended, 60. scoliosis, 61. brace, 62. reconnect

# **Session 3: Fill in the Blanks**

<ol> <li>His involvement is the of our plan.</li> <li>a joint that holds the edge of a door, window, lid, etc. and allows it to open or close</li> </ol>
2. After his death, his sons his business.  v. to receive money, property, or a title from someone after they have died
3. The player controls the game with a joystick or other device.  adj. of or relating to or involving the sense of touch
4. After a long period of estrangement, they with each other.  v. to connect again after a break or interruption
<ul><li>5. She wore a on her leg to support her injured ankle.</li><li>n. a device, typically one of a pair, for holding something in position or for strengthening an object; (verb) to support or hold steady and make steadfast</li></ul>
6. The army used a to launch large rocks over the castle walls.  n. a device used to hurl an object a long distance
7 often experience an illusion of a phantom limb.  n. a person who has had an arm or a leg cut off
8. The aroma of freshly baked cookies filled the house.  adj. highly pleasing and enjoyable to taste or experience
9. You may be entitled to some tax.  v. to take back something previously lost, given, or paid, or ask to have it back
ANSWERS: 1. hinge, 2. inherited, 3. haptic, 4. reconnected, 5. brace, 6. catapult, 7 Amputees, 8. delectable, 9. reclaim

10. He decided to undergo surgery for
n. a condition in which the spine is curved to the side
11. The phone rang at the most time.  adj. suitable or happening at a time that is suitable or convenient for a particular purpose
12. Sugar is in food.  adj. being or existing everywhere at once
13. The athlete performed some exercises to warm up before the game.  adj. refreshing or invigorating; designed to provide support or stability
14. The adept carefully carved the wooden figurine with precision and skill.
<ul> <li>a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials</li> </ul>
15. The surgeon removed the tumor using video assistance.
adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
16. I will these old shoes in the trash and buy a new pair.
v. to throw something carelessly or casually; to get rid of something or someone
17. The company hired a team of experts to identify products in their supply chain.
adj. made in imitation of something else to deceive or defraud; not genuine or authentic
ANSWERS: 10. scoliosis, 11. opportune, 12. ubiquitous, 13. bracing, 14. craftsman, 15. robotic, 16. chuck, 17. counterfeit

18.	The young entrepreneur had an plan to start his own company.
adj.	showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness
19.	The venom from the snake bite his arm.
<i>v</i> .	to cause a person or part of the body to become unable to move or feel
20.	They launched a crewless into space.
n.	(especially in science fiction) a spacecraft designed to carry a crew into interstellar space
	Excessive human interference in the global environment may bringconsequences.
adj.	not planned or meant
	The shop was located on Main Street and was open seven days a week.
n.	a person who makes or repairs shoes; a type of dessert made with fruit and a crumbly topping
	The detective discovered that the witness had her story about the crime.
v.	to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
	The company's project aims to develop a revolutionary new technology within a tight deadline.
n.	an ambitious, risky, and innovative project or goal, especially one that is intended to bring about radical change or breakthroughs in a particular field or industry, often inspired by the lunar landing mission of Apollo 11 in 1969
	SWERS: 18. audacious, 19. paralyzed, 20. spaceship, 21. unintended, 22. bler's, 23. fabricated, 24. moonshot

	The soldier was fitted with a arm after losing him in combat.	
adj.	relating to or using technology or devices that enhance or replace biological functions, typically in a way that mimics or improves upon the original	
26.	It's important to the room to avoid the buildup of harmful gases.	
v.	to supply fresh air to a room, building, etc.; to remove stale air from it	
27.	We are trying to this disease from the world.	
v.	to get rid of or destroy something completely, especially something bad	
28.	The bartender served a traditional cocktail to the curious customer.	
n.	a highly alcoholic and anise-flavored spirit derived from botanicals, typically including wormwood; the plant Artemisia absinthium, commonly known as grand wormwood, from which the spirit gets its name	
29.	He has only a knowledge of this topic.	
adj.	relating to basic facts or principles; fundamental	
30.	The little couldn't wait to open their birthday presents.	
n.	a young person, typically a child or teenager; a creature that is still in its youth or early stages of development	
31.	Daily exercise and adequate sleep are necessary to prevent the progression of	
n.	a decrease in size of a muscle, organ, etc., caused by disease or disuse	
ANSWERS: 25. bionic, 26. ventilate, 27. eradicate, 28. absinthe, 29. rudimentary, 30 youngster, 31. atrophy		