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Vocabulary Builder Reference from...

Bran Ferren: To create for the ages, let's combine art and engineering | TED Talk https://www.ted.com/talks/bran_ferren_to_create_for_the_ages_let_s_combine_art_and_engineering



Advanced Words Only

IMPORTANT

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Session 1: Word List

profoundly

adv. to a great or complete degree; deeply

synonym: deeply, greatly, completely

(1) profoundly insightful, (2) sleep profoundly

The novel affected her **profoundly**, causing her to question her beliefs and values.

zeitgeist

n. the spirit or general outlook of a particular period of time, especially as it is reflected in the beliefs and attitudes of that time; the cultural, intellectual, or moral climate of a society or era

synonym: spirit of the time, trend, fashion

(1) the **zeitgeist** of the era, (2) cultural **zeitgeist**

The political speech resonated with the **zeitgeist** of national unity and cooperation.

pervasive

adj. spreading or existing throughout every part of a thing or place

synonym: extensive, ubiquitous, prevalent

(1) **pervasive** language, (2) the **pervasive** odor of garlic

Suspicion and worry were **pervasive** in our minds.

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym: robust, sturdy, tough

 a hard and resilient steel, (2) resilient population
 a resilient person and has always bounced back from setbacks.

compel

v. to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way

synonym: force, oblige, coerce

(1) **compel** a person to submission, (2) **compel** attention The strict deadlines will **compel** the team to work efficiently.

electrocution

 death or serious injury caused by electric shock; the act of killing or injuring someone with electricity

synonym: shock, high voltage, burning

(1) fatal **electrocution**, (2) **electrocution** victim

The construction worker was rushed to the hospital after suffering from **electrocution** on the job site.

oversea

adj. situated or operating beyond national boundaries; in, from, or to foreign countries

synonym: foreign, abroad, international

(1) oversea shipments, (2) for oversea use

The company enhanced **oversea** operations to tap into new markets.

endlessly

adv. in a way that continues for a long time or seems to have no end or limit

synonym: ceaselessly, interminably, unceasingly

(1) repeat **endlessly**, (2) worry **endlessly** about our future The procession of demonstrators was **endlessly** continuing.

pantheon

 a temple dedicated to all the gods or goddesses of a particular religion or mythology; a group of something or someone that is remarkably respected, famous, or important

synonym: temple, shrine, sanctuary

(1) pantheon of products, (2) ancient pantheon

The **pantheon** of Greek gods and goddesses is well-known throughout Western culture.

oppressive

adj. treating people in a cruel and authoritarian way synonym: stifling, overwhelming, depressing

(1) the atmosphere was **oppressive**, (2) **oppressive** governments

The political situation has become increasingly **oppressive**.

oculist

 a medical professional who specializes in the treatment of diseases and disorders of the eye; an ophthalmologist or an optometrist

synonym: optician, eye doctor, ophthalmologist

(1) skilled **oculist**, (2) pediatric **oculist**

My grandmother visited the renowned **oculist** for her annual eye examination.

unrestricted

adj. not limited or confined in any way synonym: open, available, free

(1) **unrestricted** access, (2) have **unrestricted** options Capitalism allows **unrestricted** property ownership for individuals.

salesperson

 a person whose job is to sell goods in a shop or directly to customers

synonym: dealer, seller, vendor

(1) a **salesperson** in a store, (2) a drapery **salesperson** He received the title of the best **salesperson** in all our branches worldwide.

geodesic

adj. relating to or consisting of geodesics, which are the shortest paths between points on a curved surface or the straightest paths within a curved space; characterized by a curved, interconnected, or grid-like structure

synonym: dome-shaped, spherical, curved

(1) **geodesic** arc, (2) **geodesic** distance

The **geodesic** dome structure is both visually striking and highly efficient.

coincident

adj. happening or operating in the same place or at the same time

synonym: concurrent, accompanying, coextensive

(1) **coincident** indicators, (2) a series of **coincident** events **Coincident** with the negotiation, the bank was permitted to open a Beijing branch.

laborer

 a person who works hard physically, typically doing unskilled or manual labor; a worker or employee who performs physically demanding tasks

synonym: worker, employee, operative

(1) laborer job, (2) skilled laborer

The construction site hired many **laborers** to help with the heavy lifting.

brute

 a violent, wild, or feral animal; a person who is cruel, uncivilized, or lacking in intelligence or sensitivity; a physical force or power

synonym: beast, savage, animal

(1) **brute** beasts, (2) **brute** force

The **brute** behavior of the football players caused the game to be canceled.

incidentally

adv. by the way; as an aside or in passingsynonym: by chance, by accident, inadvertently

(1) **incidentally** discovered, (2) **incidentally** mentioned **Incidentally**, I know the answer to that question.

coffer

n. a strongbox or chest used for storing valuable objects or money; a fund or treasury, especially one used to hold or manage money, assets, or resources; a recessed panel used to decorate ceilings or other architectural features synonym: treasury, strongbox, safe

(1) coffer lid, (2) bank coffer

The government is trying to replenish the **coffer** by increasing taxes.

diminish

v. to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.

synonym: decline, dwindle, lessen

(1) **diminish** a reputation, (2) **diminish** swelling As people get old, their energies may **diminish**.

impart

- v. to expose or inform; to provide a portion of synonym: pass on, give, bestow
- (1) **impart** a secret, (2) **impart** basic knowledge She had knowledge she couldn't wait to **impart**.

convect

v. to transfer heat or energy through a fluid, typically by means of currents; to cause something to rise or move by means of heat or fluid motion

synonym: move, circulate, transport

(1) convect fluid, (2) convect air

The storm clouds **convected** heat energy and caused a thunderstorm.

palpable

adj. able to be felt or touched; easily perceivable or noticeable; tangible

synonym: tangible, perceptible, noticeable

(1) palpable tumor, (2) palpable lie

The tension in the room was **palpable** as they waited for the results to come in.

barb

 a sharp projection or point, often on a plant or animal; a cutting remark or criticism that is meant to hurt or insult; a type of fishing lure that has small hooks and a brightly colored feather or hair

synonym: spine, barbed remark, sting

(1) barb wire, (2) aim a barb

The politician's words were full of **barbs** designed to hurt his opponent.

loot

v. steal goods from a place or person, typically during a war or riot; (noun) steal goods from a place or person, typically using force, especially in times of war or civil disorder

synonym: plunder, pillage, rob

(1) **loot** the ship, (2) war **loot**

The bandits **looted** the small town, leaving it in ruins.

ravage

v. to cause damage to something badly

synonym: devastate, ruin, destroy

(1) ravage a country, (2) ravage the brain

A large fire **ravaged** the forest.

polymath

 a person who has expertise or a broad skillset across a range of diverse subjects or areas of knowledge

synonym: renaissance man, genius, expert

(1) **polymath** scholar, (2) modern-day **polymath**Leonardo da Vinci is considered a **polymath** for his expertise in various fields such as art, science, and engineering.

storytelling

- n. the act or art of narrating or writing storiessynonym: narrating, relating, recounting
- (1) **storytelling** performance, (2) courtroom **storytelling** She was skilled in **storytelling** techniques, such as using different voices for other characters.

mastery

 complete control or power of something to dominate or defeat; great skill or knowledge in a particular subject or activity

synonym: proficiency, aptitude, domination

(1) **mastery** of mathematics, (2) strive for **mastery**The country finally gained **mastery** over the whole land of its neighbors.

visionary

adj. having or showing exceptional foresight and imagination; not practical or realizable; speculativesynonym: prophetic, far-sighted, imaginative

(1) visionary business, (2) visionary ideas

The **visionary** leader had a clear plan for the company's future.

summon

- v. to order someone to come to or be present at a specific place such as a court, or to arrange a meeting formally synonym: call for, muster, assemble
- (1) **summon** a lawyer, (2) **summon** a city council The chairperson was responsible for **summoning** committees.

insurmountable

adj. impossible to overcome or conquer; too difficult or daunting to overcome

synonym: invincible, hopeless, overwhelming

(1) **insurmountable** odds, (2) **insurmountable** disadvantage

The challenge seemed **insurmountable**, but they overcame it with hard work and determination.

rethink

v. to consider again a plan, idea, etc., especially to change it

synonym: reexplore, review, reconsider

(1) **rethink** a marketing plan, (2) **rethink** the role of the manager

We have to **rethink** our company's product lineup for further growth.

tempt

- v. to make someone want to do or have something, especially something that is unnecessary or wrongsynonym: entice, lure, attract
- (1) **tempt** young people, (2) **tempt** the taste buds Though he was evil, he never **tempted** his friends into wrongdoing.

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**.

indefinitely

adv. without any fixed or definite limit; for an unknown or unspecified period of time

synonym: endlessly, permanently, perpetually

(1) postpone a meeting **indefinitely**, (2) **indefinitely** suspended

The construction project has been delayed **indefinitely** due to the pandemic.

counterintuitive

adj. contrary to what common sense would suggest synonym: unreasonable, paradoxical, nonsensical

- (1) **counterintuitive** results, (2) **counterintuitive** behavior The **counterintuitive** nature of quantum physics has been a source of confusion for scientists for decades.
- 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 crowdHe stepped on the gas pedal, and the engine released a loud

rev.

interconnect

- v. to connect similar thingssynonym: interlink, complect, annex
- directly interconnect with those systems, (2) human activities interconnect with the environment
 Our system can now interconnect with other databases.

ubiquitous

adj. being or existing everywhere at once *synonym*:

rev

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universal, omnipresent, everywhere

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

Sugar is **ubiquitous** in food.

congest

- v. to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquidsynonym: clog, choke, crowd
- (1) **congest** in a vein, (2) **congest** a highway The roads to the airport were heavily **congested**.

recapture

- v. to take back control or possession of something synonym: retake, reoccupy, regain
- (1) **recapture** prisoner, (2) **recapture** territory

 The company launched a campaign to **recapture** lost market share.

pollute

v. to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

synonym: contaminate, corrupt, degrade

(1) **pollute** the air, (2) **pollute** the thread We should do our best not to **pollute** the environment.

industrious

- adj. hardworking, diligent, and persistent in effort synonym: diligent, hardworking, assiduous
- (1) **industrious** worker, (2) **industrious** student He was known to be very **industrious** and would often work late into the night.

roadway

n. the part of a thoroughfare or highway that is used by vehicles for driving, including the hard surface and shoulders

synonym: highway, street, thoroughfare

(1) busy **roadway**, (2) **roadway** asphalt

Cyclists are not allowed on the highway roadway for safety

reasons.

confuse

v. to mistake one thing for another; to make somebody hard to understand

synonym: confound, obscure, disorient

(1) **confuse** the listener, (2) **confuse** fantasy with reality Her remarks **confused** the debate.

seductive

adj. tempting or alluring attractively or persuasively; often used to describe a person, behavior, or idea that is intended to lure or entice someone into a specific action or belief

synonym: alluring, tempting, enticing

(1) a **seductive** smile, (2) **seductive** behavior

The actor's **seductive** gaze drew the audience's attention on stage.

multidisciplinary

- adj. integrating or involving various academic fields or different skills in a topic or problem-solving approachsynonym: integrative, interdisciplinary
- (1) **multidisciplinary** project, (2) **multidisciplinary** analysis He adopted a **multidisciplinary** research approach to unravel complex phenomena.

spontaneously

adv. in a way that is natural, not planned or forced, and often sudden

synonym: impromptu, automatically, immediately

(1) recover **spontaneously** after five days, (2) this shift occurs **spontaneously**

The electrical cord spontaneously combusted.

nurture

v. to take care of, feed, and protect someone or something while they are growing and developing

synonym: boost, cultivate, enable

(1) **nurture** love, (2) **nurture** his talents

Schools should **nurture** children's mutual interest spirit.

perseverance

 steadfastness in doing something despite difficulty or delay in achieving success

synonym: persistence, tenacity, determination

(1) unwavering **perseverance**, (2) dogged **perseverance**Despite facing numerous setbacks and obstacles, his **perseverance** and determination led him to success.

pry

v. to force open or to try to get information from someone by asking too many questions

synonym: probe, investigate, inquire

(1) **pry** a secret out of a person, (2) **pry** into the affairs He used a crowbar to **pry** open the locked door.

improvisation

n. the act of making something up on the spot or creating or performing something without preparation

synonym: spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation** He created a beautiful piece of music using only **improvisation**.

firsthand

adv. from the source; directly; (adjective) received directly from a source

synonym: direct

(1) hear customer's voices **firsthand**, (2) conduct **firsthand** research

The manager tried to hear customers' voices firsthand.

astonishing

adj. surprising or shocking; difficult to believe

synonym: surprising, shocking, astounding

(1) **astonishing** achievement, (2) make **astonishing** gains The news of her sudden death was **astonishing** to everyone who knew her.

unremarkable

adj. ordinary and not particularly interesting synonym: commonplace, unmemorable, mundane

(1) completely ordinary and unremarkable,

(2) **unremarkable** in looks
He was very busy at work but otherwise led an **unremarkable** life.

Session 2: Spelling

1.	this shift occurs sposly	adv.	in a way that is natural, not planned or forced, and often sudden
2.	dogged pernce	n.	steadfastness in doing something despite difficulty or delay in achieving success
3.	skilled oct	n.	a medical professional who specializes in the treatment of diseases and disorders of the eye; an ophthalmologist or an optometrist
4.	a salon in a store	n.	a person whose job is to sell goods in a shop or directly to customers
5.	a series of coint events	adj.	happening or operating in the same place or at the same time
6.	directly intect with those systems	ν.	to connect similar things
7.	aim a bb	n.	a sharp projection or point, often on a plant or animal; a cutting remark or criticism that is meant to hurt or insult; a type of fishing lure that has small hooks and a brightly colored feather or hair
8.	ova shipments	adj.	situated or operating beyond national boundaries; in, from, or to foreign countries
9.	coe the listener	<i>v</i> .	to mistake one thing for another; to make somebody hard to understand
10.	cot fluid	v.	to transfer heat or energy through a fluid, typically by means of currents; to cause something to rise or move by means of heat or fluid motion

ANSWERS: 1. spontaneously, 2. perseverance, 3. oculist, 4. salesperson, 5. coincident, 6. interconnect, 7. barb, 8. oversea, 9. confuse, 10. convect

11.	geic distance	adj.	relating to or consisting of geodesics, which are the shortest paths between points on a curved surface or the straightest paths within a curved space; characterized by a curved, interconnected, or grid-like structure
12.	dish swelling	<i>v</i> .	to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.
13.	roy asphalt	n.	the part of a thoroughfare or highway that is used by vehicles for driving, including the hard surface and shoulders
14.	make astng gains	adj.	surprising or shocking; difficult to believe
15.	rae the brain	<i>v</i> .	to cause damage to something badly
16.	mulary project	adj.	integrating or involving various academic fields or different skills in a topic or problem-solving approach
17.	unwavering pernce	n.	steadfastness in doing something despite difficulty or delay in achieving success
18.	ubius computing	adj.	being or existing everywhere at once
19.	peve language	adj.	spreading or existing throughout every part of a thing or place
20.	cor lid	n.	a strongbox or chest used for storing valuable objects or money; a fund or treasury, especially one used to hold or manage money, assets, or resources; a recessed panel used to decorate ceilings or other architectural features

ANSWERS: 11. geodesic, 12. diminish, 13. roadway, 14. astonishing, 15. ravage, 16. multidisciplinary, 17. perseverance, 18. ubiquitous, 19. pervasive, 20. coffer

subjects or areas of knowledge ν. to expose or inform; to provide a portion

of

adj. not limited or confined in any way

adj. having or showing exceptional foresight and imagination; not practical or realizable; speculative

ANSWERS: 21. multidisciplinary, 22. electrocution, 23. nurture, 24. salesperson, 25. industrious, 26. electrocution, 27. convect, 28. polymath, 29. impart, 30. unrestricted, 31. visionary

29. im t a secret

31. vi____ry business

30. have unr____ted options

ANSWERS: 32. summon, 33. laborer, 34. rev, 35. improvisation, 36. zeitgeist, 37. rethink, 38. seductive, 39. palpable, 40. industrious

41.	rere territory	<i>v</i> .	to take back control or possession of something
42.	a hard and rent steel	adj.	able to withstand or recover quickly from difficult conditions
43.	strive for may	n.	complete control or power of something to dominate or defeat; great skill or knowledge in a particular subject or activity
44.	bank cor	n.	a strongbox or chest used for storing valuable objects or money; a fund or treasury, especially one used to hold or manage money, assets, or resources; a recessed panel used to decorate ceilings or other architectural features
45.	proly insightful	adv.	to a great or complete degree; deeply
46.	sleep proly	adv.	to a great or complete degree; deeply
47.	busy roy	n.	the part of a thoroughfare or highway that is used by vehicles for driving, including the hard surface and shoulders
48.	astng achievement	adj.	surprising or shocking; difficult to believe
49.	ubius across ecosystems	adj.	being or existing everywhere at once
50.	geic arc	adj.	relating to or consisting of geodesics, which are the shortest paths between points on a curved surface or the straightest paths within a curved space; characterized by a curved, interconnected, or grid-like structure

ANSWERS: 41. recapture, 42. resilient, 43. mastery, 44. coffer, 45. profoundly, 46. profoundly, 47. roadway, 48. astonishing, 49. ubiquitous, 50. geodesic

51.	b_b wire	n.	a sharp projection or point, often on a plant or animal; a cutting remark or criticism that is meant to hurt or insult; a type of fishing lure that has small hooks and a brightly colored feather or hair
52.	worry enly about our future	adv.	in a way that continues for a long time or seems to have no end or limit
53.	pale lie	adj.	able to be felt or touched; easily perceivable or noticeable; tangible
54.	lar job	n.	a person who works hard physically, typically doing unskilled or manual labor; a worker or employee who performs physically demanding tasks
55.	p_y a secret out of a person	v.	to force open or to try to get information from someone by asking too many questions
56.	smane app developer	n.	a mobile phone that functions as a computer and connects to the Internet
57.	poe the thread	ν.	to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
58.	impion on stage	n.	the act of making something up on the spot or creating or performing something without preparation
59.	smane addict	n.	a mobile phone that functions as a computer and connects to the Internet
60.	the zest of the era	n.	the spirit or general outlook of a particular period of time, especially as it is reflected in the beliefs and attitudes of that time; the cultural, intellectual, or moral climate of a society or era

ANSWERS: 51. barb, 52. endlessly, 53. palpable, 54. laborer, 55. pry, 56. smartphone, 57. pollute, 58. improvisation, 59. smartphone, 60. zeitgeist

ANSWERS: 61. tempt, 62. pantheon, 63. confuse, 64. brute, 65. recapture, 66. counterintuitive, 67. interconnect, 68. tempt, 69. mastery, 70. polymath

n.

70. modern-day po th

knowledge in a particular subject or

skillset across a range of diverse subjects or areas of knowledge

a person who has expertise or a broad

activity

ANSWERS: 71. seductive, 72. rev, 73. pollute, 74. unremarkable, 75. coincident, 76. congest, 77. compel, 78. visionary, 79. impart

ν.

of

to expose or inform; to provide a portion

79. im t basic knowledge

ANSWERS: 80. endlessly, 81. storytelling, 82. resilient, 83. loot, 84. diminish, 85. insurmountable, 86. compel, 87. counterintuitive, 88. insurmountable, 89. summon, 90. oppressive

90. the atmosphere was opp ve

adj. treating people in a cruel and

authoritarian way

91. b	ore force	n.	a violent, wild, or feral animal; a person who is cruel, uncivilized, or lacking in intelligence or sensitivity; a physical force or power
92. ı	ınrted access	adj.	not limited or confined in any way
93. r	ae a country	<i>v</i> .	to cause damage to something badly
94. p	oaon of products	n.	a temple dedicated to all the gods or goddesses of a particular religion or mythology; a group of something or someone that is remarkably respected, famous, or important
95. r	ek the role of the manager	v.	to consider again a plan, idea, etc., especially to change it
96. f	or ova use	adj.	situated or operating beyond national boundaries; in, from, or to foreign countries
97. p	pediatric oct	n.	a medical professional who specializes in the treatment of diseases and disorders of the eye; an ophthalmologist or an optometrist
98. ii	nclly mentioned	adv.	by the way; as an aside or in passing
99. c	oppve governments	adj.	treating people in a cruel and authoritarian way
100.	indely suspended	adv.	without any fixed or definite limit; for an unknown or unspecified period of time
101.	It the ship	ν.	steal goods from a place or person, typically during a war or riot; (noun) steal goods from a place or person, typically using force, especially in times of war or civil disorder

ANSWERS: 91. brute, 92. unrestricted, 93. ravage, 94. pantheon, 95. rethink, 96. oversea, 97. oculist, 98. incidentally, 99. oppressive, 100. indefinitely, 101. loot

102.	the peve odor of garlic	adj.	spreading or existing throughout every part of a thing or place
103.	postpone a meeting indely	adv.	without any fixed or definite limit; for an unknown or unspecified period of time
104.	hear customer's voices find	adv.	from the source; directly; (adjective) received directly from a source
105.	inclly discovered	adv.	by the way; as an aside or in passing
106.	cot in a vein	<i>v</i> .	to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
107.	p_y into the affairs	<i>v</i> .	to force open or to try to get information from someone by asking too many questions
108.	recover sposly after five days	adv.	in a way that is natural, not planned or forced, and often sudden
109.	completely ordinary and unrble	adj.	ordinary and not particularly interesting
110.	courtroom stoing	n.	the act or art of narrating or writing stories
111.	conduct find research	adv.	from the source; directly; (adjective) received directly from a source
112.	nue his talents	<i>v</i> .	to take care of, feed, and protect someone or something while they are growing and developing

ANSWERS: 102. pervasive, 103. indefinitely, 104. firsthand, 105. incidentally, 106. congest, 107. pry, 108. spontaneously, 109. unremarkable, 110. storytelling, 111. firsthand, 112. nurture

Session 3: Fill in the Blanks

1.	The actor's	gaze drew the audienc	e's attention on stage.
adj		idea that is intended to	ely; often used to describe a ure or entice someone into a
2.	The construction proje	ct has been delayed	due to the pandemic
adv	without any fixed or o	definite limit; for an unkn	own or unspecified period of time
3.	The behavior of	the football players cau	ised the game to be canceled.
n.		al animal; a person who vity; a physical force or	is cruel, uncivilized, or lacking in power
4.	The construction work		spital after suffering from
n.	death or serious injuit someone with electric	· ·	ock; the act of killing or injuring
5.	The electrical cord	combuste	d.
adv	in a way that is natur	al, not planned or forced	d, and often sudden
6.	He used a crowbar to	open the locked do	or.
<i>v</i> .	to force open or to try questions	/ to get information from	someone by asking too many
7.	He received the title of	the best	in all our branches worldwide.
n.	a person whose job i	s to sell goods in a shop	o or directly to customers
	SWERS: 1. seductive, 2 ory, 7. salesperson	2. indefinitely, 3. brute, 4	4. electrocution, 5. spontaneously

Vocab-Builder Ref from "Bran Ferren: To create for the ages, let's combine art and engineering TED Talk" (56 words	s)
56. He adopted a research approach to unravel complex phenomena.	
adj. integrating or involving various academic fields or different skills in a topic or problem-solving approach	
ANSWERS: 56. multidisciplinary	