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Vocabulary Builder Reference from...

Sharon Terry: Science didn't understand my kids' rare disease until I decided to study it | TED Talk https://www.ted.com/talks/sharon_terry_science_didn_t_understand_my_kids_rare_disease_until_i_decided_to_study_it



Advanced Words Only

IMPORTANT

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Session 1: Word List

comprehend

- v. to understand the nature or meaning of something fully synonym: understand, grasp, apprehend
- (1) **comprehend** English, (2) **comprehend** instructions She struggled to **comprehend** complex math problems.

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.

prickle

v. to cause a tingling or stinging sensation, often from a sharp or pointed object; to provoke or irritate someone, causing them to feel uncomfortable or annoyed; (noun) a small, pointed, and often sharp spine or thorn that grows on a plant or animal

synonym: stab, poke, jab

(1) **prickle** cell layer, (2) **prickle** with excitement The thorns on the cactus can **prickle** your skin if you touch them.

dermatology

 a branch of medicine that deals with the diagnosis and treatment of skin disorders and diseases

synonym: skin care, skin medicine, skin science

(1) pediatric **dermatology**, (2) **dermatology** research She visited a **dermatology** clinic to get treatment for her skin condition.

xanthoma

 a benign growth or deposit of yellowish cholesterol-rich material that can occur in various tissues of the body, such as the skin, tendons, or blood vessels

synonym: yellow bump, cholesterol deposit

(1) **xanthoma** removal, (2) **xanthoma** growth The **xanthoma** on her eyelids caused her discomfort and limited her vision.

ophthalmology

n. the branch of medicine that deals with the anatomy, physiology, and diseases of the eye

synonym: eye care, optometry, eye medicine

(1) **ophthalmology** practice, (2) **ophthalmology** clinic My grandfather had a problem with his eyes and went to an **ophthalmology** specialist.

melanoma

 a type of skin cancer that originates in the cells that produce pigment, usually occurring on sun-exposed skin areas

synonym: skin cancer, melanocarcinoma, pigmented tumor

(1) **melanoma** diagnosis, (2) **melanoma** treatment Protecting your skin from the sun by wearing sunscreen and protective clothing can help reduce the risk of **melanoma**.

lymphoma

 a type of cancer that affects the body's lymphatic system, which is responsible for fighting infection and disease

synonym: lymphatic cancer, lymphoid tumor, lymph node cancer

(1) non-hodgkin **lymphoma**, (2) childhood **lymphoma**My aunt was diagnosed with **lymphoma** and is undergoing chemotherapy.

erupt

v. (of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently

synonym: eject, emit, burst

(1) **erupt** in anger, (2) **erupt** into tears

Battles between whites and blacks **erupted** immediately.

bile

 a digestive fluid produced by the liver and stored in the gallbladder, which helps to break down fats in the small intestine; bitterness or spitefulness

synonym: gall, bitterness, acrimony

(1) bile secretion, (2) bile duct

The doctor identified excess **bile** in the patient's bloodstream, indicating a possible liver or gallbladder issue.

prognosis

n. the likely outcome or course of a disease or illness based on medical analysis and examination of the patient; a forecast or prediction of future events or developments

synonym: prospect, forecast, diagnosis

(1) prognosis of cancer, (2) poor prognosis

The doctor gave a positive **prognosis** for her recovery from the illness.

wrinkle

 a small line or fold in something, especially fabric or the skin of the face; a minor difficulty

synonym: crinkle, fold, crumple

(1) a fine **wrinkle** on a fabric, (2) a facial **wrinkle** This suit is made of **wrinkle-proof** material.

macula

 a small, oval-shaped area near the center of the retina of the eye, responsible for providing high-resolution vision

synonym: center of the retina, spot, eyespot

(1) macula lutea, (2) damage to the macula

There are several treatment options available for patients with **macula-related** disorders.

degenerate

v. (of a person, animal, or plant) to become worse in health or physical condition

synonym: deteriorate, decline, decay

(1) **degenerate** into a disagreement, (2) **degenerate** into recession

The once-thriving city has **degenerated** into a crime-ridden slum.

incredulous

adj. unwilling or unable to believe something; skeptical, doubtful

synonym: skeptical, doubtful, disbelieving

(1) **incredulous** stare, (2) voice of **incredulous** disbelief The audience was **incredulous** at the magician's trick, trying to figure out how he did it.

biomedical

 adj. relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

synonym: medical, clinical, health-related

(1) **biomedical** assay, (2) cutting-edge **biomedical Biomedical** engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.

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.

chaplain

n. a member of the clergy or religious community who is employed to provide spiritual guidance, counseling, or support to a particular group, such as a hospital or military unit; a person who performs religious ceremonies or rites, particularly within a non-denominational or multi-faith setting

synonym: spiritual leader, minister, priest

(1) college chaplain, (2) military chaplain

The hospital **chaplain** provided emotional support and spiritual guidance to the patients and their families.

dedicate

 to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

synonym: consecrate, devote, commit

(1) **dedicate** a few hours, (2) **dedicate** a chapter to the subject

He **dedicated** his life to helping others.

garner

 to acquire or accumulate something through effort or attention

synonym: acquire, collect, obtain

(1) garner good reviews, (2) garner attention

He used his charm and charisma to **garner** support for his campaign.

naysaying

- n. the act or practice of habitually objecting or criticizing; a tendency to be negative, pessimistic, or unsupportive
 synonym: doubt, skepticism, criticism
- naysaying attitude, (2) constant naysaying
 ignore the naysaying of others and pursue my dreams anyway.

extensible

adj. capable of being extended, stretched, or expanded; able to be enlarged, broadened, or lengthened

synonym: flexible, expandable, adaptable

(1) **extensible** markup language, (2) **extensible** framework The software has an **extensible** design, allowing for easy customization and future updates.

biobank

 a repository or storage facility for biological samples, such as blood, tissue, or DNA, used for research or medical purposes

synonym: biorepository, genome bank, DNA bank

(1) biobank samples, (2) national biobank

The researchers are working to create a **biobank** of genetic material for scientific study.

swell

v. to become larger or more inflated; to become more intense or important

synonym: expand, increase, inflate

(1) **swell** at room temperature, (2) **swell** a population His arm was **swelling** from the insect bite.

crowdsourcing

- n. the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet
- (1) **crowdsourcing** apps, (2) **crowdsourcing** in climate policy

The company used this **crowdsourcing** platform to gather ideas for its next product.

evangelist

n. a person who seeks to convert others to their religious beliefs, especially through public preaching

synonym: preacher, missionary, revivalist

(1) television **evangelist**, (2) technology **evangelist**The religious **evangelist** traveled the world, spreading the gospel and winning converts.

misaligned

adj. not properly aligned or arranged; not placed in the correct position or orientation

synonym: crooked, askew, abused

(1) misaligned teeth, (2) misaligned priorities

The painting was crooked and **misaligned**, so the museum staff had to rehang it properly.

dissolve

v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

synonym: disband, disappear, liquefy

(1) dissolve the sugar, (2) officially dissolved the marriage

The political party **dissolved** after much internal fighting.

clinician

 a practitioner, especially of medicine or psychology, who has direct contact with patients

synonym: psychiatrist, therapist, doctor

(1) experienced **clinician**, (2) from a **clinician's** perspective Some **clinicians** believe that psychological characteristics alone may cause mental disorders.

bedrock

n. the solid rock underlying soil or alluvium

synonym: foundation, foundation stone, base

(1) **bedrock** foundation, (2) **bedrock** geology

The **bedrock** beneath the soil is extremely solid and stable.

enormity

 the quality of being extremely evil or wicked; the vastness of size or extent

synonym: horribleness, seriousness, immensity

(1) grasp the **enormity**, (2) the **enormity** of the task The **enormity** of the financial fraud was uncovered after years of investigation.

expansive

adj. large or wide in extent or scope; friendly and open and willing to talk

synonym: large, extensive, vast

(1) with an **expansive** spirit, (2) **expansive** ocean views The company has an **expansive** network of offices and locations around the world.

boundless

adj. having no limits; limitless

synonym: limitless, indefinite, bottomless

(1) **boundless** imagination, (2) **boundless** energy The **boundless** ocean stretched before them as far as the eye could see.

manifestation

 a visible or tangible form of something, especially a particular sign of a disease or condition

synonym:

expression, embodiment, presentation

(1) **manifestation** of a deeper problem, (2) **manifestation** of psychological stress

The **manifestation** of his anxiety was evident in his shaking hands.

changemaker

 a person or organization that works to effect positive change in society or a specific field; someone who takes the initiative to create new solutions or transform existing systems for the betterment of people and communities

synonym: change agent, innovator, activist

(1) global **changemaker**, (2) emerging **changemaker** The young activist was a true **changemaker**, working tirelessly to impact their community positively.

Session 2: Spelling

technology eva____st

2.

4.

6.

1. cro_____ing apps

n. the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of

people, either paid or unpaid, typically

via the internet

 a person who seeks to convert others to their religious beliefs, especially through

public preaching

3. er_t into tears v. (of a volcano) to become active and

eject rocks, smoke, etc.; to start

abruptly and violently

national bi___k n. a repository or storage facility for

biological samples, such as blood, tissue, or DNA, used for research or

medical purposes

5. me____ma treatment n. a type of skin cancer that originates in

the cells that produce pigment, usually

occurring on sun-exposed skin areas

v. to cause a tingling or stinging sensation, often from a sharp or pointed object; to

provoke or irritate someone, causing them to feel uncomfortable or annoyed;

(noun) a small, pointed, and often sharp spine or thorn that grows on a plant or

animal

n. the solid rock underlying soil or alluvium

adj. large or wide in extent or scope; friendly

and open and willing to talk

7. be___k foundation

pr e cell layer

8. ex____ve ocean views

ANSWERS: 1. crowdsourcing, 2. evangelist, 3. erupt, 4. biobank, 5. melanoma, 6. prickle, 7. bedrock, 8. expansive

9.	degte into recession	ν.	(of a person, animal, or plant) to become worse in health or physical condition
10.	tey people	<i>v</i> .	to frighten someone very much
11.	ophogy practice	n.	the branch of medicine that deals with the anatomy, physiology, and diseases of the eye
12.	experienced clan	n.	a practitioner, especially of medicine or psychology, who has direct contact with patients
13.	be duct	n.	a digestive fluid produced by the liver and stored in the gallbladder, which helps to break down fats in the small intestine; bitterness or spitefulness
14.	degte into a disagreement	v.	(of a person, animal, or plant) to become worse in health or physical condition
15.	dergy research	n.	a branch of medicine that deals with the diagnosis and treatment of skin disorders and diseases
16.	incus stare	adj.	unwilling or unable to believe something; skeptical, doubtful
17.	damage to the maa	n.	a small, oval-shaped area near the center of the retina of the eye, responsible for providing high-resolution vision
18.	xama growth	n.	a benign growth or deposit of yellowish cholesterol-rich material that can occur in various tissues of the body, such as the skin, tendons, or blood vessels
	SWERS: 9. degenerate, 10. terrify, 11. generate, 15. dermatology, 16. incredulo	•	

28.	comnd instructions	v.	to understand the nature or meaning of something fully
29.	croing in climate policy	n.	the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet
30.	xama removal	n.	a benign growth or deposit of yellowish cholesterol-rich material that can occur in various tissues of the body, such as the skin, tendons, or blood vessels
31.	bik samples	n.	a repository or storage facility for biological samples, such as blood, tissue, or DNA, used for research or medical purposes
32.	manion of a deeper problem	n.	a visible or tangible form of something, especially a particular sign of a disease or condition
33.	ert in anger	v.	(of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently
34.	pediatric dergy	n.	a branch of medicine that deals with the diagnosis and treatment of skin disorders and diseases
35.	mised priorities	adj.	not properly aligned or arranged; not placed in the correct position or orientation
36.	a fine wre on a fabric	n.	a small line or fold in something, especially fabric or the skin of the face; a minor difficulty
	SWERS: 28. comprehend, 29. crowdso nifestation, 33. erupt, 34. dermatology,		_

37.	. gar attention	v.	to acquire or accumulate something through effort or attention
38	. constant nang	n.	the act or practice of habitually objecting or criticizing; a tendency to be negative, pessimistic, or unsupportive
39	pre with excitement	ν.	to cause a tingling or stinging sensation often from a sharp or pointed object; to provoke or irritate someone, causing them to feel uncomfortable or annoyed; (noun) a small, pointed, and often sharp spine or thorn that grows on a plant or animal
40	. extle markup language	adj.	capable of being extended, stretched, or expanded; able to be enlarged, broadened, or lengthened
41.	. swl at room temperature	v.	to become larger or more inflated; to become more intense or important
42.	. military chin	n.	a member of the clergy or religious community who is employed to provide spiritual guidance, counseling, or support to a particular group, such as a hospital or military unit; a person who performs religious ceremonies or rites, particularly within a non-denominationa or multi-faith setting
43	. voice of incus disbelief	adj.	unwilling or unable to believe something; skeptical, doubtful
44.	. swl a population	v.	to become larger or more inflated; to become more intense or important
45	. nang attitude	n.	the act or practice of habitually objecting or criticizing; a tendency to be negative, pessimistic, or unsupportive
A١	ISWERS: 37. garner, 38. naysaying, 39.	pric	kle, 40. extensible, 41. swell, 42.

ANSWERS: 37. garner, 38. naysaying, 39. prickle, 40. extensible, 41. swell, 42 chaplain, 43. incredulous, 44. swell, 45. naysaying

psychology, who has direct contact with patients

n.

the quality of being extremely evil or wicked; the vastness of size or extent

a practitioner, especially of medicine or

ANSWERS: 46. enormity, 47. bedrock, 48. lymphoma, 49. bile, 50. ophthalmology, 51. pervasive, 52. misaligned, 53. lymphoma, 54. biomedical, 55. enormity, 56. clinician

55. the en___ty of the task

56. from a cl____an's perspective

pervasive, 62. melanoma, 63. macula, 64. changemaker, 65. wrinkle

ocab-Builder Ref from "Sharon Terry: Science didn't understand	my kid	s' rare disease until I decided to study it TED Talk" (35 words
66. pris of cancer	n.	the likely outcome or course of a disease or illness based on medical analysis and examination of the patient; a forecast or prediction of future events or developments
67. dete a chapter to the subject	ν.	to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
68. bioal assay	adj.	relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
69. with an exve spirit	adj.	large or wide in extent or scope; friendly and open and willing to talk
70. television evast	n.	a person who seeks to convert others to their religious beliefs, especially through public preaching
ANSWERS: 66. prognosis, 67. dedicate, 6 evangelist	68. bi	omedical, 69. expansive, 70.

Session 3: Fill in the Blanks

1.	The software has an design, allowing for easy customization and future updates.
adj	capable of being extended, stretched, or expanded; able to be enlarged, broadened, or lengthened
2.	It would be best not to your associates into doing complex tasks.
<i>v</i> .	to frighten someone very much
3.	Battles between whites and blacks immediately.
<i>v</i> .	(of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently
4.	The company used this platform to gather ideas for its next product.
n.	the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet
5.	He used his charm and charisma to support for his campaign.
v.	to acquire or accumulate something through effort or attention
6.	The young activist was a true working tirelessly to impact their community positively.
n.	a person or organization that works to effect positive change in society or a specific field; someone who takes the initiative to create new solutions or transform existing systems for the betterment of people and communities
7.	The on her eyelids caused her discomfort and limited her vision.
n.	a benign growth or deposit of yellowish cholesterol-rich material that can occur in various tissues of the body, such as the skin, tendons, or blood vessels
	SWERS: 1. extensible, 2. terrify, 3. erupted, 4. crowdsourcing, 5. garner, 6. angemaker, 7. xanthoma

JU.	The of his anxiety was evident in his shaking hands.
n.	a visible or tangible form of something, especially a particular sign of a disease or condition
31.	My aunt was diagnosed with and is undergoing chemotherapy.
n.	a type of cancer that affects the body's lymphatic system, which is responsible for fighting infection and disease
32.	The doctor identified excess in the patient's bloodstream, indicating a possible liver or gallbladder issue.
n.	a digestive fluid produced by the liver and stored in the gallbladder, which helps to break down fats in the small intestine; bitterness or spitefulness
33.	The doctor gave a positive for her recovery from the illness.
n.	the likely outcome or course of a disease or illness based on medical analysis and examination of the patient; a forecast or prediction of future events or developments
34.	His arm was from the insect bite.
<i>v</i> .	to become larger or more inflated; to become more intense or important
	The ocean stretched before them as far as the eye could see. having no limits; limitless
	SWERS: 30. manifestation, 31. lymphoma, 32. bile, 33. prognosis, 34. swelling, boundless