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Vocabulary Builder Reference from...

Shaylin Schundler: Why does your voice change as you get older? | TED Talk https://www.ted.com/talks/shaylin_schundler_why_does_your_voice_change_as_you_get_older



Advanced Words Only

IMPORTANT

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Session 1: Word List

captivate

- v. to attract and hold the attention or interest of synonym: enchant, charm, fascinate
- (1) **captivate** public sentiment, (2) **captivate** the mind The magician **captivated** the audience with his illusions.

puberty

 n. the process of a person's physical changes through which their sexual organs develop and become capable of reproduction

synonym: adolescence, young adulthood

(1) at the height of **puberty** ., (2) the onset of **puberty** In this culture, men are initiated when they reach **puberty**.

halting

- adj. hesitant or wavering in speech or action; faltering;stopping or pausing repeatedly and intermittentlysynonym: stuttering, hesitant, faltering
- (1) **halting** speech, (2) **halting** progress

 The negotiations between the two countries were proceeding in a **halting** manner.

castrato

 a male singer who has been castrated (= to remove the testicles of a male animal or person) before puberty to preserve a high, unbroken singing voice

synonym: eunuch, male soprano, alto

(1) castrato singer, (2) a 17th-century castrato

The **castrato's** high-pitched singing voice was popular in Baroque and Classical music.

angelic

 adj. resembling or having the qualities of an angel, such as purity, kindness, and gentle beauty; divine or heavenly; having an innocent, unspoiled appearance

synonym: heavenly, celestial, divine

(1) angelic face, (2) angelic choir

The singer's **angelic** voice brought tears to the audience's eyes.

outlaw

 to make something illegal; (noun) a person who has committed a crime or has been legally convicted of a crime

synonym: ban, prohibit, (noun) bandit

(1) **outlaw** racial discrimination, (2) **outlaw** cloning of human cells

Some communities began to **outlaw** alcohol consumption.

stunt

n. a feat or action that is often dangerous or difficult, designed to attract attention or admiration; something that blocks or impedes growth or development; (verb) to hinder or impede growth or development, especially in a physical or mental sense

synonym: feat, accomplishment, (verb) hinder

(1) skydiving **stunt**, (2) **stunt** brain growth

The daredevil attempted a dangerous **stunt** by jumping off a tall building with a parachute.

anatomical

adj. of or relating to the structure of the body and its parts *synonym*: physical, bodily, structural

(1) **anatomical** structure, (2) **anatomical** elements

The **anatomical** model of the human body was used to teach medical students.

determinant

 a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

larynx

- an organ in the top of the throat involved in breathing, producing sound
- irritate the larynx,
 narrowing of the larynx
 Smoking significantly increases the risk of larynx cancer.

cartilage

 a tough, elastic connective tissue that is found in various parts of the body, such as the joints, the outer ear, and the tip of the nose

synonym: connective tissue, gristle, fibrocartilage

(1) cartilage damage, (2) nasal cartilage

The knee joint is supported by **cartilage**, which helps absorb shock and prevent bone damage.

arytenoid

adj. relating to or located near the small cartilages in the larynx that control the opening and closing of the vocal cords

synonym: arytenoid cartilage, vocal fold muscle, laryngeal joint

(1) arytenoid muscle, (2) arytenoid dislocation

I had to undergo surgery to remove a polyp on my **arytenoid** cartilage.

trachea

n. the tube-like structure in the body through which air moves from the larynx (= a part of the human respiratory system located in the neck region) to the bronchi (= part of the respiratory system and are responsible for conducting air into the lungs), also known as the windpipe

synonym: windpipe, bronchus

(1) **trachea** blockage, (2) **trachea** infection Inhaling irritants can cause inflammation of the **trachea** and lead to coughing.

slam

 to shut a door or window noisily; to strike something violently or noisily

synonym: bang, crash, shut

(1) **slam** the door, (2) **slam** the book against a wall She **slammed** the door shut, angry at the person on the other side.

vibrate

v. to move or cause anything to move fast and in small increments from side to side

synonym: oscillate, convulse, jerk

(1) **vibrate** at a regular frequency, (2) **vibrate** with anger During the flight, the wings of the plane **vibrate**.

effortless

adj. requiring little or no effort; not difficult or strenuous; easy to accomplish

synonym: easy, simple, uncomplicated

(1) **effortless** victory, (2) **effortless** beauty
The dancer made her performance look **effortless** and graceful.

bellow

- v. to shout or call out loudly and forcefully; to emit a deep, loud roar or sound; (noun) the deep roar or soundsynonym: shout, yell, roar
- (1) **bellow** out a song, (2) **bellow** at him far away The coach **bellowed** at the players to run faster during practice.

rumble

- v. to make a low, heavy continuous sound synonym: roar, growl, grumble
- (1) **rumble** an order, (2) **rumble** down the dirt track The thunder **rumbled** in the distance.

elongate

v. to extend something in length; to lengthen, stretch out, or to make longer

synonym: stretch, lengthen, extend

(1) elongate muscles, (2) elongate a dress

The yoga instructor told us to **elongate** our spines during the practice.

protrusion

 something that bulges out or sticks out from a surface or body; a projection that is visible from the outside

synonym: extrusion, bump, bulge

(1) **protrusion** on skin, (2) **protrusion** of rock

The **protrusion** in the road caused several accidents and had to be repaired immediately.

collagen

a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues

synonym: gelatin, protein, tissue

(1) **collagen** supplement, (2) **collagen** production Our natural **collagen** production decreases as we age, leading to wrinkles, sagging skin, and joint pain.

elastin

 a fibrous protein that is a major component of elastic connective tissue in the body, such as in the skin, lungs, and arteries

synonym: connective tissue, protein, fiber

(1) **elastin** fibers, (2) **elastin** production

Certain medical conditions can cause **elastin** loss, weakening tissue and organ function.

mucus

n. a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.

synonym: secretion, slime, saliva

(1) airway mucus, (2) nasal mucus

When the body temperature drops, **mucus** secretion fails.

nuance

a subtle or slight degree of difference in appearance, meaning, sound, someone's feeling, etc.

synonym: shading, refinement, subtlety

(1) rich in **nuance**, (2) subtle cultural **nuance** The painter has tried to express every **nuance** of the woman's expression in his work.

timbre

- the quality of sound that is produced by particular voices or musical instruments sounds different from each other
- (1) the **timbre** of a musical sound, (2) the **timbre** of her soprano

His voice had a deep **timbre**.

synonym: resonance, tone, inflection

pubescence

the state of being in the process of puberty or of developing secondary sexual characteristics; fine hair growing on certain parts of a plant, such as leaves or stems

synonym: adolescence, teenage years, youth

- (1) pubescence stage, (2) pubescence years Some young people may experience anxiety or depression due to changes during pubescence.
- to make or become stiff or rigid; to become inflexible or ν. unyielding in one's attitude or behavior

synonym: harden, solidify, tense

(1) **stiffen** joints, (2) **stiffen** penalties

The cold weather made my muscles **stiffen** up.

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.

atrophy

stiffen

menopause

 the natural cessation of menstruation and fertility in women, typically occurring between the ages of 45 and 55

synonym: climacteric, midlife transition

(1) **menopause** symptoms, (2) before **menopause**The onset of **menopause** can bring about various physical and emotional changes in women.

outweigh

v. to be heavier, more significant, or more critical than something

synonym: dominate, outrank, overpower

(1) **outweigh** the benefit, (2) **outweigh** our wishes The advantages would undoubtedly **outweigh** the disadvantages.

swell

aria

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.
- a song that is performed solo by a singer in an opera or oratorio, often with instrumental accompaniment

synonym: song, melody, tune

(1) aria singer, (2) dramatic aria

The soprano performed an emotional **aria** that brought the audience to tears.

moodiness

a tendency to experience mood swings or to be easily affected by changes in mood

synonym: emotional instability, irritability, temperament

(1) control your **moodiness**, (2) **moodiness** during puberty His **moodiness** made it difficult for his coworkers to predict how he would react to things.

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.

Session 2: Spelling

1. s_m the book against a wall

ca____to singer

3. st__t brain growth

2.

4. sw I at room temperature

5. ou w racial discrimination

6. eff____ss beauty

7. co en production

8. vi___e at a regular frequency

v. to shut a door or window noisily; to strike something violently or noisily

a male singer who has been castrated
 (= to remove the testicles of a male animal or person) before puberty to preserve a high, unbroken singing voice

n. a feat or action that is often dangerous or difficult, designed to attract attention or admiration; something that blocks or impedes growth or development; (verb) to hinder or impede growth or development, especially in a physical or mental sense

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

v. to make something illegal; (noun) a person who has committed a crime or has been legally convicted of a crime

adj. requiring little or no effort; not difficult or strenuous; easy to accomplish

n. a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues

v. to move or cause anything to move fast and in small increments from side to side

ANSWERS: 1. slam, 2. castrato, 3. stunt, 4. swell, 5. outlaw, 6. effortless, 7. collagen, 8. vibrate

14. pub____ce years

15. mo____ss during puberty

n. the state of being in the process of puberty or of developing secondary sexual characteristics; fine hair growing on certain parts of a plant, such as leaves or stems

 a tendency to experience mood swings or to be easily affected by changes in mood

ANSWERS: 9. protrusion, 10. mucus, 11. determinant, 12. menopause, 13. trachea, 14. pubescence, 15. moodiness

16.	anaal structure	adj.	of or relating to the structure of the body and its parts
17.	cage damage	n.	a tough, elastic connective tissue that is found in various parts of the body, such as the joints, the outer ear, and the tip of the nose
18.	arid dislocation	adj.	relating to or located near the small cartilages in the larynx that control the opening and closing of the vocal cords
19.	ouw cloning of human cells	ν.	to make something illegal; (noun) a person who has committed a crime or has been legally convicted of a crime
20.	a_a singer	n.	a song that is performed solo by a singer in an opera or oratorio, often with instrumental accompaniment
21.	cate the mind	<i>v</i> .	to attract and hold the attention or interest of
22.	rue an order	<i>v</i> .	to make a low, heavy continuous sound
23.	before mese	n.	the natural cessation of menstruation and fertility in women, typically occurring between the ages of 45 and 55
24.	cate public sentiment	<i>v</i> .	to attract and hold the attention or interest of
25.	dramatic aa	n.	a song that is performed solo by a singer in an opera or oratorio, often with instrumental accompaniment
26.	elte muscles	<i>v</i> .	to extend something in length; to lengthen, stretch out, or to make longer

ANSWERS: 16. anatomical, 17. cartilage, 18. arytenoid, 19. outlaw, 20. aria, 21. captivate, 22. rumble, 23. menopause, 24. captivate, 25. aria, 26. elongate

27.	a 17th-century cato	n.	a male singer who has been castrated (= to remove the testicles of a male animal or person) before puberty to preserve a high, unbroken singing voice
28.	bew at him far away	v.	to shout or call out loudly and forcefully; to emit a deep, loud roar or sound; (noun) the deep roar or sound
29.	stn joints	v.	to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior
30.	ough the benefit	v.	to be heavier, more significant, or more critical than something
31.	vie with anger	v.	to move or cause anything to move fast and in small increments from side to side
32.	proon on skin	n.	something that bulges out or sticks out from a surface or body; a projection that is visible from the outside
33.	pubce stage	n.	the state of being in the process of puberty or of developing secondary sexual characteristics; fine hair growing on certain parts of a plant, such as leaves or stems
34.	anaal elements	adj.	of or relating to the structure of the body and its parts
35.	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

ANSWERS: 27. castrato, 28. bellow, 29. stiffen, 30. outweigh, 31. vibrate, 32. protrusion, 33. pubescence, 34. anatomical, 35. monologue

36. weakness with at y a decrease in size of a muscle, organ, n. etc., caused by disease or disuse 37. ar____id muscle adj. relating to or located near the small cartilages in the larynx that control the opening and closing of the vocal cords the process of a person's physical 38. the onset of pu___y n. changes through which their sexual organs develop and become capable of reproduction 39. at the height of pu___y. the process of a person's physical changes through which their sexual organs develop and become capable of reproduction 40. sw | I a population to become larger or more inflated; to ν. become more intense or important 41. eff____ss victory adj. requiring little or no effort; not difficult or strenuous; easy to accomplish adj. hesitant or wavering in speech or 42. ha____g progress action; faltering; stopping or pausing repeatedly and intermittently 43. el___n fibers a fibrous protein that is a major n. component of elastic connective tissue in the body, such as in the skin, lungs, and arteries 44. the ti___e of a musical sound the quality of sound that is produced by particular voices or musical instruments sounds different from each other 45. el te a dress to extend something in length; to ν. lengthen, stretch out, or to make longer

ANSWERS: 36. atrophy, 37. arytenoid, 38. puberty, 39. puberty, 40. swell, 41. effortless, 42. halting, 43. elastin, 44. timbre, 45. elongate

46.	hag speech	adj.	hesitant or wavering in speech or action; faltering; stopping or pausing repeatedly and intermittently
47.	nasal cage	n.	a tough, elastic connective tissue that is found in various parts of the body, such as the joints, the outer ear, and the tip of the nose
48.	aty of the muscles	n.	a decrease in size of a muscle, organ, etc., caused by disease or disuse
49.	rue down the dirt track	<i>v</i> .	to make a low, heavy continuous sound
50.	bew out a song	v.	to shout or call out loudly and forcefully; to emit a deep, loud roar or sound; (noun) the deep roar or sound
51.	the tie of her soprano	n.	the quality of sound that is produced by particular voices or musical instruments sounds different from each other
52.	nasal mus	n.	a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.
53.	narrowing of the lax	n.	an organ in the top of the throat involved in breathing, producing sound
54.	sm the door	v.	to shut a door or window noisily; to strike something violently or noisily
55.	deliver a 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
56.	control your moss	n.	a tendency to experience mood swings or to be easily affected by changes in mood

ANSWERS: 46. halting, 47. cartilage, 48. atrophy, 49. rumble, 50. bellow, 51. timbre, 52. mucus, 53. larynx, 54. slam, 55. monologue, 56. moodiness

ANSWERS: 57. elastin, 58. stunt, 59. nuance, 60. angelic, 61. collagen, 62. determinant, 63. nuance

- 64. irritate the la___x
- 65. st n penalties
- 66. tr___a blockage

- 67. an___c choir
- 68. ou gh our wishes

- an organ in the top of the throat involved in breathing, producing sound
- v. to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior
- n. the tube-like structure in the body through which air moves from the larynx (= a part of the human respiratory system located in the neck region) to the bronchi (= part of the respiratory system and are responsible for conducting air into the lungs), also known as the windpipe
- adj. resembling or having the qualities of an angel, such as purity, kindness, and gentle beauty; divine or heavenly; having an innocent, unspoiled appearance
- v. to be heavier, more significant, or more critical than something

ANSWERS: 64. larynx, 65. stiffen, 66. trachea, 67. angelic, 68. outweigh

Session 3: Fill in the Blanks

1.	Our natural production decreases as we age, leading to wrinkles, sagging skin, and joint pain.
n.	a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues
2.	The onset of can bring about various physical and emotional changes in women.
n.	the natural cessation of menstruation and fertility in women, typically occurring between the ages of 45 and 55
3.	The model of the human body was used to teach medical students.
adj	of or relating to the structure of the body and its parts
4. v.	The magician the audience with his illusions. to attract and hold the attention or interest of
5.	Certain medical conditions can cause loss, weakening tissue and organ function.
n.	a fibrous protein that is a major component of elastic connective tissue in the body, such as in the skin, lungs, and arteries
6.	Some young people may experience anxiety or depression due to changes during
n.	the state of being in the process of puberty or of developing secondary sexual characteristics; fine hair growing on certain parts of a plant, such as leaves or stems
	SWERS: 1. collagen, 2. menopause, 3. anatomical, 4. captivated, 5. elastin, 6. pescence

Vocab-Builder Ref from "Shaylin Schundler: Why does your voice change as you get older? | TED Talk" (34 words)

Vocab-Builder Ref from "Shaylin Schundler: Why does your voice change as you get older? | TED Talk" (34 words)

ANSWERS: 30. larynx, 31. halting, 32. cartilage, 33. slammed, 34. moodiness