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Vocabulary Builder Reference from...

Kaitlyn Sadtler: Your body vs. implants | TED Talk

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

Advanced Words Only

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Session 1: Word List

prick

v. to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication

synonym : poke, jab, sting

(1) **prick** a balloon, (2) **prick** up her ears

He accidentally **pricked** his finger with the needle.

prosthetic

adj. of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant

(1) have **prosthetic** arms, (2) **prosthetic** limbs

New **prosthetic** joints are less prone to metal poisoning.

nuisance

n. something or someone that causes annoyance, inconvenience, or discomfort; an unpleasant or irritating thing or person

synonym : bother, annoyance, disturbance

(1) traffic **nuisance**, (2) **nuisance** call

The barking dog next door is becoming quite a **nuisance**.

inconvenient

adj. causing trouble or difficulty; not convenient or suitable

synonym : troublesome, difficult, awkward

(1) face an **inconvenient** truth, (2) **inconvenient** for shopping

It was **inconvenient** for her to go out of her way to pick up the package.

hone

v. to sharpen or perfect something; to improve a skill or ability through practice

synonym: sharpen, refine, perfect

(1) **hone** abilities, (2) **hone** intuition

The athlete worked with a coach to **hone** her techniques and improve her performance.

boast

v. to talk about someone's accomplishments, wealth, or abilities excessively with undue pride and self-satisfaction

synonym: show off, brag, bluster

(1) **boast** of his success, (2) **boast** a long history

This town **boasts** a national park.

arsenal

n. a collection of weapons or military equipment stored in preparation for war or conflict; a collection of resources or tools available for use in a particular field or endeavor

synonym: storage, stockpile, armory

(1) **arsenal** of knowledge, (2) political **arsenal**

The police found a hidden **arsenal** of weapons in the suspect's house.

intercept

v. to stop and catch someone or something to prevent them from continuing to a destination

synonym: ambush, block, prevent

(1) **intercept** an enemy force, (2) **intercept** X rays

It is illegal to **intercept** police radio.

neutralize

v. to counteract or cancel the effects of something; to make something neutral or harmless

synonym: counteract, invalidate, cancel out

(1) **neutralize** a toxin, (2) **neutralize** an argument

We need to **neutralize** the acidity of this soil before we can grow any crops.

neutrophil

n. the most common type of white blood cell in the human body, which helps the immune system by attacking and destroying harmful foreign substances, such as bacteria and viruses

synonym : white blood cell, immune cell, phagocyte

(1) **neutrophil** infiltration, (2) **neutrophil** migration

High levels of **neutrophils** can indicate an infection or inflammation in the body.

macrophage

n. a large white blood cell that helps to engulf and destroy foreign objects or materials in the body, such as bacteria or cancer cells

synonym : white blood cell, scavenger cell, phagocyte

(1) **macrophage** activity, (2) **macrophage** dysfunction

Cancer cells can evade the immune system's detection by avoiding interactions with **macrophages**.

granule

n. a small particle, fragment, or grain, often found in groups or clusters; a tiny, solid piece of matter

synonym : particle, grain, bead

(1) **granule** size, (2) **granule** cell

I found a tiny **granule** of sand in my shoe after walking on the beach.

nitric

n. pertaining to or containing nitrogen in its higher valence states, particularly compounds containing nitrogen and oxygen

synonym : nitrogen, NO, n-oxide

(1) **nitric** oxide, (2) **nitric** compound

The **nitric** acid spilled and caused a hazardous situation in the laboratory.

degrade

v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

synonym : demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

fuse

n. a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat

synonym: (verb) melt, (verb) blend

(1) **fuse** blows, (2) **fuse** with one another

He has a short **fuse**.

fibroblast

n. a type of cell in connective tissue that produces and maintains the extracellular matrix, which provides support and structure to tissues and organs

(1) **fibroblast** growth factor, (2) **fibroblast** migration

Fibroblast cells play an important role in tissue repair and regeneration.

enclose

v. to surround, as with a fence, wall, or barrier; to put within boundaries; to include

synonym: surround, encase, contain

(1) **enclose** a check with a letter, (2) **enclose** area

The walls were **enclosed** to create a private outdoor space.

scaffold

n. a temporary platform or structure used to support workers and materials during construction or maintenance work

synonym: platform, staging, framework

(1) **scaffold** construction, (2) go to the **scaffold**

The construction workers set up the **scaffold** to reach the top of the building.

scar

n. a mark that remains on the skin after a wound has healed

synonym: blemish, imperfection, blotch

(1) burn **scar**, (2) carry a **scar**

Even after the wound has healed, a **scar** remains.

impenetrable

adj. not able to be passed through, entered, or understood

synonym: impassable, insurmountable, impregnable

(1) **impenetrable** fortress, (2) through an **impenetrable** fog

The jungle was so dense and **impenetrable** that it was almost impossible to find a way through.

pacemaker

n. a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others

synonym: heartbeat regulator, pacer, pacesetter

(1) implanted **pacemaker**, (2) **pacemaker** battery

Some people with **pacemakers** may need to avoid certain activities or sources of electromagnetic interference.

inflame

v. to cause very strong feelings such as anger or excitement in a person or a group of people

synonym: agitate, arouse, enrage

(1) **inflame** skin, (2) **inflame** his passion

Her eyes **inflamed** with crying.

dampen

v. to make something wet or moist; to reduce the intensity or impact of something, such as a feeling, sound, or movement

synonym: drench, moisten, saturate

(1) **dampen** the sound, (2) **dampen** the enthusiasm

The rain helped **dampen** the flames of the campfire.

mimic

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

synonym: mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments

He is very popular at school because he can **mimic** all the

teachers' accents.

regenerate

v. to improve or renew an area, institution, system, etc., especially by making it more active or successful

synonym: renew, revive, improve

(1) **regenerate** bone tissue, (2) a **regenerate** sinner

The new CEO's primary mission is to **regenerate** the company on the verge of bankruptcy.

revolutionize

v. to bring about a complete or radical change in something, often through the introduction of new methods or ideas

synonym: transform, innovate, modernize

(1) **revolutionize** the industry, (2) **revolutionize** the technology

The invention of the smartphone **revolutionized** the way we communicate with each other.

Session 2: Spelling

1. ni___c compound *n.* pertaining to or containing nitrogen in its higher valence states, particularly compounds containing nitrogen and oxygen
2. en_____e a check with a letter *v.* to surround, as with a fence, wall, or barrier; to put within boundaries; to include
3. fib_____st migration *n.* a type of cell in connective tissue that produces and maintains the extracellular matrix, which provides support and structure to tissues and organs
4. de_____e environmental quality *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
5. face an inc_____ent truth *adj.* causing trouble or difficulty; not convenient or suitable
6. pa_____er battery *n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
7. neu_____il migration *n.* the most common type of white blood cell in the human body, which helps the immune system by attacking and destroying harmful foreign substances, such as bacteria and viruses

ANSWERS: 1. nitric, 2. enclose, 3. fibroblast, 4. degrade, 5. inconvenient, 6. pacemaker, 7. neutrophil

8. en_____e area *v.* to surround, as with a fence, wall, or barrier; to put within boundaries; to include
9. nu_____ce call *n.* something or someone that causes annoyance, inconvenience, or discomfort; an unpleasant or irritating thing or person
10. reg_____te bone tissue *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
11. gr_____e cell *n.* a small particle, fragment, or grain, often found in groups or clusters; a tiny, solid piece of matter
12. gr_____e size *n.* a small particle, fragment, or grain, often found in groups or clusters; a tiny, solid piece of matter
13. pr__k a balloon *v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication
14. burn s__r *n.* a mark that remains on the skin after a wound has healed
15. h__e abilities *v.* to sharpen or perfect something; to improve a skill or ability through practice
16. rev_____ize the technology *v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas
17. in_____pt X rays *v.* to stop and catch someone or something to prevent them from continuing to a destination

ANSWERS: 8. enclose, 9. nuisance, 10. regenerate, 11. granule, 12. granule, 13. prick, 14. scar, 15. hone, 16. revolutionize, 17. intercept

18. neu_____ze an argument *v.* to counteract or cancel the effects of something; to make something neutral or harmless
19. through an imp_____ble fog *adj.* not able to be passed through, entered, or understood
20. f__e blows *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
21. pro_____ic limbs *adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant
22. go to the sc_____ld *n.* a temporary platform or structure used to support workers and materials during construction or maintenance work
23. sc_____ld construction *n.* a temporary platform or structure used to support workers and materials during construction or maintenance work
24. ar_____l of knowledge *n.* a collection of weapons or military equipment stored in preparation for war or conflict; a collection of resources or tools available for use in a particular field or endeavor
25. bo__t a long history *v.* to talk about someone's accomplishments, wealth, or abilities excessively with undue pride and self-satisfaction
26. mi__c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh

ANSWERS: 18. neutralize, 19. impenetrable, 20. fuse, 21. prosthetic, 22. scaffold, 23. scaffold, 24. arsenal, 25. boast, 26. mimic

27. implanted pa_____er *n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
28. rev_____ize the industry *v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas
29. in_____pt an enemy force *v.* to stop and catch someone or something to prevent them from continuing to a destination
30. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
31. ni___c oxide *n.* pertaining to or containing nitrogen in its higher valence states, particularly compounds containing nitrogen and oxygen
32. in_____e his passion *v.* to cause very strong feelings such as anger or excitement in a person or a group of people
33. carry a s__r *n.* a mark that remains on the skin after a wound has healed
34. imp_____ble fortress *adj.* not able to be passed through, entered, or understood
35. have pro_____ic arms *adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant
36. inc_____ent for shopping *adj.* causing trouble or difficulty; not convenient or suitable

ANSWERS: 27. pacemaker, 28. revolutionize, 29. intercept, 30. mimic, 31. nitric, 32. inflame, 33. scar, 34. impenetrable, 35. prosthetic, 36. inconvenient

37. neu_____ze a toxin *v.* to counteract or cancel the effects of something; to make something neutral or harmless
38. a reg_____te sinner *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
39. political ar_____l *n.* a collection of weapons or military equipment stored in preparation for war or conflict; a collection of resources or tools available for use in a particular field or endeavor
40. da____n the sound *v.* to make something wet or moist; to reduce the intensity or impact of something, such as a feeling, sound, or movement
41. de_____e his public image *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
42. h__e intuition *v.* to sharpen or perfect something; to improve a skill or ability through practice
43. pr__k up her ears *v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication
44. fib_____st growth factor *n.* a type of cell in connective tissue that produces and maintains the extracellular matrix, which provides support and structure to tissues and organs

ANSWERS: 37. neutralize, 38. regenerate, 39. arsenal, 40. dampen, 41. degrade, 42. hone, 43. prick, 44. fibroblast

45. da___n the enthusiasm *v.* to make something wet or moist; to reduce the intensity or impact of something, such as a feeling, sound, or movement
46. in_____e skin *v.* to cause very strong feelings such as anger or excitement in a person or a group of people
47. bo__t of his success *v.* to talk about someone's accomplishments, wealth, or abilities excessively with undue pride and self-satisfaction
48. mac_____ge dysfunction *n.* a large white blood cell that helps to engulf and destroy foreign objects or materials in the body, such as bacteria or cancer cells
49. traffic nu_____ce *n.* something or someone that causes annoyance, inconvenience, or discomfort; an unpleasant or irritating thing or person
50. mac_____ge activity *n.* a large white blood cell that helps to engulf and destroy foreign objects or materials in the body, such as bacteria or cancer cells
51. neu_____il infiltration *n.* the most common type of white blood cell in the human body, which helps the immune system by attacking and destroying harmful foreign substances, such as bacteria and viruses
52. f__e with one another *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat

ANSWERS: 45. dampen, 46. inflame, 47. boast, 48. macrophage, 49. nuisance, 50. macrophage, 51. neutrophil, 52. fuse

ANSWERS:

Session 3: Fill in the Blanks

1. The walls were _____ to create a private outdoor space.
 - v. to surround, as with a fence, wall, or barrier; to put within boundaries; to include

2. He is very popular at school because he can _____ all the teachers' accents.
 - v. to imitate someone's speech, movement, or behavior, especially to make others laugh

3. Even after the wound has healed, a _____ remains.
 - n. a mark that remains on the skin after a wound has healed

4. The police found a hidden _____ of weapons in the suspect's house.
 - n. a collection of weapons or military equipment stored in preparation for war or conflict; a collection of resources or tools available for use in a particular field or endeavor

5. Her eyes _____ with crying.
 - v. to cause very strong feelings such as anger or excitement in a person or a group of people

6. The _____ acid spilled and caused a hazardous situation in the laboratory.
 - n. pertaining to or containing nitrogen in its higher valence states, particularly compounds containing nitrogen and oxygen

7. Some people with _____ may need to avoid certain activities or sources of electromagnetic interference.
 - n. a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others

ANSWERS: 1. enclosed, 2. mimic, 3. scar, 4. arsenal, 5. inflamed, 6. nitric, 7. pacemakers

8. I found a tiny _____ of sand in my shoe after walking on the beach.
- n.* a small particle, fragment, or grain, often found in groups or clusters; a tiny, solid piece of matter
9. You should not _____ yourself by allowing them to use you.
- v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
10. High levels of _____ can indicate an infection or inflammation in the body.
- n.* the most common type of white blood cell in the human body, which helps the immune system by attacking and destroying harmful foreign substances, such as bacteria and viruses
11. The construction workers set up the _____ to reach the top of the building.
- n.* a temporary platform or structure used to support workers and materials during construction or maintenance work
12. He has a short _____.
- n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
13. The rain helped _____ the flames of the campfire.
- v.* to make something wet or moist; to reduce the intensity or impact of something, such as a feeling, sound, or movement
14. It is illegal to _____ police radio.
- v.* to stop and catch someone or something to prevent them from continuing to a destination

ANSWERS: 8. granule, 9. degrade, 10. neutrophils, 11. scaffold, 12. fuse, 13. dampen, 14. intercept

15. We need to _____ the acidity of this soil before we can grow any crops.
- v.* to counteract or cancel the effects of something; to make something neutral or harmless
16. New _____ joints are less prone to metal poisoning.
- adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant
17. The barking dog next door is becoming quite a _____.
- n.* something or someone that causes annoyance, inconvenience, or discomfort; an unpleasant or irritating thing or person
18. It was _____ for her to go out of her way to pick up the package.
- adj.* causing trouble or difficulty; not convenient or suitable
19. The invention of the smartphone _____ the way we communicate with each other.
- v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas
20. Cancer cells can evade the immune system's detection by avoiding interactions with _____.
- n.* a large white blood cell that helps to engulf and destroy foreign objects or materials in the body, such as bacteria or cancer cells
21. The athlete worked with a coach to _____ her techniques and improve her performance.
- v.* to sharpen or perfect something; to improve a skill or ability through practice
22. The new CEO's primary mission is to _____ the company on the verge of bankruptcy.
- v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful

ANSWERS: 15. neutralize, 16. prosthetic, 17. nuisance, 18. inconvenient, 19. revolutionized, 20. macrophages, 21. hone, 22. regenerate

23. The jungle was so dense and _____ that it was almost impossible to find a way through.

adj. not able to be passed through, entered, or understood

24. This town _____ a national park.

v. to talk about someone's accomplishments, wealth, or abilities excessively with undue pride and self-satisfaction

25. _____ cells play an important role in tissue repair and regeneration.

n. a type of cell in connective tissue that produces and maintains the extracellular matrix, which provides support and structure to tissues and organs

26. He accidentally _____ his finger with the needle.

v. to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication

ANSWERS: 23. impenetrable, 24. boasts, 25. Fibroblast, 26. pricked