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Vocabulary Builder Reference from...

Kiran Mazumdar-Shaw: The global cooperation that accelerated the COVID-19 vaccines | TED Talk
https://www.ted.com/talks/kiran_mazumdar_shaw_the_global_cooperation_that_accelerated_the_covid_19_vaccines

Advanced Words Only

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Session 1: Word List

hinder

v. to make it difficult for someone to do something; to limit the development of something

synonym : frustrate, hamper, interfere

(1) **hinder** athletic performance, (2) **hinder** international exchanges

The pandemic **hindered** the growth of the airline industry.

coronavirus

n. a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

synonym : covid

(1) **coronavirus** antibody test kit, (2) **coronavirus** bankruptcy

Considering the situation of **coronavirus**, organized stopped this year's beer festival.

frailty

n. the condition of being weak or delicate, often due to age or illness; a weakness or flaw in character or morality

synonym : weakness, fragility, delicacy

(1) cognitive **frailty**, (2) **frailty** syndrome

The doctor warned us about the human body's **frailty** and the dangers of neglecting our health.

fragility

n. the quality of being easily broken, damaged, or destroyed; the state of being delicate or vulnerable
synonym : delicacy, weakness, frailty

(1) **fragility** of life, (2) emotional **fragility**

The **fragility** of the glass required careful handling during shipping.

hemisphere

n. half of the terrestrial globe; half of a sphere

(1) northern **hemisphere**, (2) cerebral **hemisphere**

This weather pattern is unique to the southern **hemisphere**.

pandemic

n. an outbreak of a disease that affects many people over a very wide area

synonym : outbreak

(1) flu **pandemic**, (2) global **pandemic**

They fear a **pandemic** of a new type of virus.

etcetera

n. used to indicate that some other unspecified items or things could be included besides those already mentioned; and so on

synonym : and so on, and the like, and others

(1) tools, hardware, **etcetera**, (2) meetings, appointments, and **etcetera**

The museum contains a variety of artifacts, from ancient pottery to medieval armor, **etcetera**.

stockpile

n. a large quantity or reserve of goods or materials that are accumulated and stored for future use, often used for emergency or contingency purposes; (verb) to accumulate or gather a large quantity of something, usually for future use or as a reserve

synonym : reserve, hoard, cache

(1) **stockpile** weapons, (2) nuclear **stockpile**

The farmer had a huge **stockpile** of hay for the winter.

interconnect

v. to connect similar things

synonym : interlink, connect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

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.

pivot

n. a change in direction or focus, especially in a business or political strategy; a fixed point that supports something that turns or balances

synonym : center point, fulcrum, heart

(1) center- **pivot** irrigation, (2) **pivot** point

The team needed to come up with a **pivot** strategy to turn things around.

homegrown

adj. grown or produced locally rather than imported from another area

synonym : indigenous, local, native

(1) **homegrown** talent, (2) **homegrown** produce

The restaurant prides itself on its **homegrown** ingredients sourced from local farms.

inactivate

v. to make something idle or inoperative; to release from military service or remove from the active list of military service

synonym : assuage, appease, demobilize

(1) **inactivate** growth factor, (2) **inactivate** the vaccine

The system for purifying the air uses UV light to **inactivate** microorganisms.

quadrilateral

n. a flat shape or figure that has four sides and four angles

synonym : quadrangle, tetragon, four-sided figure

(1) convex **quadrilateral**, (2) irregular **quadrilateral**

The park has a **quadrilateral** layout that includes four distinct areas for recreation.

syrinx

n. the vocal organ of a bird; a primitive wind instrument consisting of several parallel pipes bound together

synonym: panpipes

(1) dogs with a wide **syrinx**, (2) spinal **syrinx**

The shape of a bird's **syrinx** varies greatly depending on the environment in which it lives.

vial

n. a small glass container, especially one containing liquid medicine or perfume

synonym: container, bottle, flask

(1) glass **vials**, (2) insulin **vial**

This medication is sealed in a **vial**.

vaccinate

v. to treat with a vaccine, usually by injection, to produce immunity against a disease

synonym: immunize, inject, inoculate

(1) **vaccinate** against scarlet fever, (2) **vaccinate** every year

The nurse **vaccinated** the children in the school.

immunization

n. the process of making a person or animal immune to a specific disease by administering a vaccine or other preventative measure

synonym: vaccination, shot, inoculation

(1) **immunization** program, (2) childhood **immunization**

Due to the success of **immunization** programs, certain diseases, such as smallpox, have been eradicated.

medicinal

adj. of or relating to the treatment or cure of disease

synonym: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to

help with various ailments.

rigidity

n. the state or quality of being rigid or inflexible; the inability to adapt to change or new circumstances; the condition of being stiff or unyielding

synonym : stiffness, inflexibility, firmness

(1) mental **rigidity**, (2) legal **rigidity**

The **rigidity** of the school's dress code policy caused much controversy among the students and parents.

steroid

n. any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs

(1) **steroid** abuse, (2) a **steroid** hormone

Some **steroids** are banned for use by athletes because of their muscle-building effects.

heparin

n. an anticoagulant drug used to prevent blood clots; often used during surgical procedures or in the treatment of blood clotting disorders

synonym : blood thinner, anticoagulant, clot preventer

(1) **heparin** therapy, (2) **heparin** injection

The doctor prescribed **heparin** to prevent blood clots in the patient's legs.

clot

n. a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force

synonym : clump, coagulation, thrombus

(1) blood **clot**, (2) **clot** prevention

The **clot** in the blood vessel required immediate medical attention.

blockbuster

n. a movie, book, or other product that is extremely successful and popular, especially one that makes much money

synonym : hit, success, smash

(1) **blockbuster** movie, (2) international **blockbuster**
The new action movie is expected to be a **blockbuster** hit.

entrepreneurship

n. the process or skill of starting and running a business, particularly a new and innovative one

synonym : self-employment, risk-taking

(1) **entrepreneurship** culture, (2) embody **entrepreneurship**

The government is investing in programs to support **entrepreneurship** and small business development.

unmet

adj. describing a need, goal, or expectation that has not been satisfied or fulfilled

synonym : unsatisfied, unfulfilled, unmatched

(1) **unmet** demand, (2) **unmet** needs

The **unmet** expectations of the customers led to a decrease in sales.

umpteen

adj. very many; relating to a large or indefinite number of something

synonym : countless, numerous, many

(1) **umpteen** hours, (2) **umpteen** attempts

After moving around the world **umpteen** times, I finally settled in my hometown.

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.

oyster

n. a bivalve mollusk with a rough irregular shell, often eaten raw or cooked, and sometimes used as a pearl-producing animal or a source of mother-of-pearl

synonym : shellfish, clam, mussel

(1) **oyster** shell, (2) **oyster** farm

I ordered a dozen **oysters** as an appetizer at the seafood restaurant.

affluent

adj. rich and wealthy; having a lot of money and material wealth

synonym: wealthy, rich, prosperous

(1) **affluent** society, (2) live in **affluent** circumstances

She lived in an **affluent** neighborhood surrounded by wealth and luxury.

Session 2: Spelling

1. pi__t point *n.* a change in direction or focus, especially in a business or political strategy; a fixed point that supports something that turns or balances
2. irregular qua_____ral *n.* a flat shape or figure that has four sides and four angles
3. mental ri_____ty *n.* the state or quality of being rigid or inflexible; the inability to adapt to change or new circumstances; the condition of being stiff or unyielding
4. insulin v__l *n.* a small glass container, especially one containing liquid medicine or perfume
5. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
6. oy___r shell *n.* a bivalve mollusk with a rough irregular shell, often eaten raw or cooked, and sometimes used as a pearl-producing animal or a source of mother-of-pearl
7. directly int_____ect with those systems *v.* to connect similar things
8. traditional me_____al *adj.* of or relating to the treatment or cure of disease
9. oy___r farm *n.* a bivalve mollusk with a rough irregular shell, often eaten raw or cooked, and sometimes used as a pearl-producing animal or a source of mother-of-pearl

ANSWERS: 1. pivot, 2. quadrilateral, 3. rigidity, 4. vial, 5. opportune, 6. oyster, 7. interconnect, 8. medicinal, 9. oyster

10. af____nt society *adj.* rich and wealthy; having a lot of money and material wealth
11. spinal sy____x *n.* the vocal organ of a bird; a primitive wind instrument consisting of several parallel pipes bound together
12. fr____y syndrome *n.* the condition of being weak or delicate, often due to age or illness; a weakness or flaw in character or morality
13. emotional fr____ty *n.* the quality of being easily broken, damaged, or destroyed; the state of being delicate or vulnerable
14. un__t needs *adj.* describing a need, goal, or expectation that has not been satisfied or fulfilled
15. global pa____ic *n.* an outbreak of a disease that affects many people over a very wide area
16. cor____us bankruptcy *n.* a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2
17. center-pi__t irrigation *n.* a change in direction or focus, especially in a business or political strategy; a fixed point that supports something that turns or balances
18. c__t prevention *n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force

ANSWERS: 10. affluent, 11. syrinx, 12. frailty, 13. fragility, 14. unmet, 15. pandemic, 16. coronavirus, 17. pivot, 18. clot

19. glass v__ls *n.* a small glass container, especially one containing liquid medicine or perfume
20. st_____le weapons *n.* a large quantity or reserve of goods or materials that are accumulated and stored for future use, often used for emergency or contingency purposes; (verb) to accumulate or gather a large quantity of something, usually for future use or as a reserve
21. ho_____wn talent *adj.* grown or produced locally rather than imported from another area
22. cor_____us antibody test kit *n.* a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2
23. international blo_____er *n.* a movie, book, or other product that is extremely successful and popular, especially one that makes much money
24. childhood imm_____ion *n.* the process of making a person or animal immune to a specific disease by administering a vaccine or other preventative measure
25. un__t demand *adj.* describing a need, goal, or expectation that has not been satisfied or fulfilled
26. cerebral hem_____re *n.* half of the terrestrial globe; half of a sphere
27. va_____te against scarlet fever *v.* to treat with a vaccine, usually by injection, to produce immunity against a disease

ANSWERS: 19. vial, 20. stockpile, 21. homegrown, 22. coronavirus, 23. blockbuster, 24. immunization, 25. unmet, 26. hemisphere, 27. vaccinate

28. ina_____te the vaccine *v.* to make something idle or inoperative; to release from military service or remove from the active list of military service
29. st_____d abuse *n.* any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs
30. legal ri_____ty *n.* the state or quality of being rigid or inflexible; the inability to adapt to change or new circumstances; the condition of being stiff or unyielding
31. hi____r international exchanges *v.* to make it difficult for someone to do something; to limit the development of something
32. convex qua_____ral *n.* a flat shape or figure that has four sides and four angles
33. flu pa_____ic *n.* an outbreak of a disease that affects many people over a very wide area
34. fr_____ty of life *n.* the quality of being easily broken, damaged, or destroyed; the state of being delicate or vulnerable
35. um_____n attempts *adj.* very many; relating to a large or indefinite number of something
36. blood c__t *n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force

ANSWERS: 28. inactivate, 29. steroid, 30. rigidity, 31. hinder, 32. quadrilateral, 33. pandemic, 34. fragility, 35. umpteen, 36. clot

37. blo_____er movie *n.* a movie, book, or other product that is extremely successful and popular, especially one that makes much money
38. tools, hardware, et_____ra *n.* used to indicate that some other unspecified items or things could be included besides those already mentioned; and so on
39. hi____r athletic performance *v.* to make it difficult for someone to do something; to limit the development of something
40. ho_____wn produce *adj.* grown or produced locally rather than imported from another area
41. northern hem_____re *n.* half of the terrestrial globe; half of a sphere
42. meetings, appointments, and et_____ra *n.* used to indicate that some other unspecified items or things could be included besides those already mentioned; and so on
43. va_____te every year *v.* to treat with a vaccine, usually by injection, to produce immunity against a disease
44. a st_____d hormone *n.* any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs
45. embody ent_____hip *n.* the process or skill of starting and running a business, particularly a new and innovative one

ANSWERS: 37. blockbuster, 38. etcetera, 39. hinder, 40. homegrown, 41. hemisphere, 42. etcetera, 43. vaccinate, 44. steroid, 45. entrepreneurship

46. ent_____hip culture *n.* the process or skill of starting and running a business, particularly a new and innovative one
47. imm_____ion program *n.* the process of making a person or animal immune to a specific disease by administering a vaccine or other preventative measure
48. he_____n injection *n.* an anticoagulant drug used to prevent blood clots; often used during surgical procedures or in the treatment of blood clotting disorders
49. ind_____us student *adj.* hardworking, diligent, and persistent in effort
50. dogs with a wide sy____x *n.* the vocal organ of a bird; a primitive wind instrument consisting of several parallel pipes bound together
51. ina_____te growth factor *v.* to make something idle or inoperative; to release from military service or remove from the active list of military service
52. cognitive fr_____y *n.* the condition of being weak or delicate, often due to age or illness; a weakness or flaw in character or morality
53. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
54. live in af_____nt circumstances *adj.* rich and wealthy; having a lot of money and material wealth
55. he_____n therapy *n.* an anticoagulant drug used to prevent blood clots; often used during surgical procedures or in the treatment of blood clotting disorders

ANSWERS: 46. entrepreneurship, 47. immunization, 48. heparin, 49. industrious, 50. syrx, 51. inactivate, 52. frailty, 53. opportune, 54. affluent, 55. heparin

56. um_____n hours *adj.* very many; relating to a large or indefinite number of something
57. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
58. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
59. human activities int_____ect with the environment *v.* to connect similar things
60. nuclear st_____le *n.* a large quantity or reserve of goods or materials that are accumulated and stored for future use, often used for emergency or contingency purposes; (verb) to accumulate or gather a large quantity of something, usually for future use or as a reserve

ANSWERS: 56. umpteen, 57. medicinal, 58. industrious, 59. interconnect, 60. stockpile

Session 3: Fill in the Blanks

1. The _____ of the school's dress code policy caused much controversy among the students and parents.
 - n.* the state or quality of being rigid or inflexible; the inability to adapt to change or new circumstances; the condition of being stiff or unyielding

2. The farmer had a huge _____ of hay for the winter.
 - n.* a large quantity or reserve of goods or materials that are accumulated and stored for future use, often used for emergency or contingency purposes; (verb) to accumulate or gather a large quantity of something, usually for future use or as a reserve

3. Our system can now _____ with other databases.
 - v.* to connect similar things

4. The _____ in the blood vessel required immediate medical attention.
 - n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force

5. The doctor warned us about the human body's _____ and the dangers of neglecting our health.
 - n.* the condition of being weak or delicate, often due to age or illness; a weakness or flaw in character or morality

6. Some _____ are banned for use by athletes because of their muscle-building effects.
 - n.* any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs

ANSWERS: 1. rigidity, 2. stockpile, 3. interconnect, 4. clot, 5. frailty, 6. steroids

7. This medication is sealed in a _____.
- n.* a small glass container, especially one containing liquid medicine or perfume
8. After moving around the world _____ times, I finally settled in my hometown.
- adj.* very many; relating to a large or indefinite number of something
9. The restaurant prides itself on its _____ ingredients sourced from local farms.
- adj.* grown or produced locally rather than imported from another area
10. The new action movie is expected to be a _____ hit.
- n.* a movie, book, or other product that is extremely successful and popular, especially one that makes much money
11. She lived in an _____ neighborhood surrounded by wealth and luxury.
- adj.* rich and wealthy; having a lot of money and material wealth
12. Considering the situation of _____ organized stopped this year's beer festival.
- n.* a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2
13. The park has a _____ layout that includes four distinct areas for recreation.
- n.* a flat shape or figure that has four sides and four angles
14. Due to the success of _____ programs, certain diseases, such as smallpox, have been eradicated.
- n.* the process of making a person or animal immune to a specific disease by administering a vaccine or other preventative measure

ANSWERS: 7. vial, 8. umpteen, 9. homegrown, 10. blockbuster, 11. affluent, 12. coronavirus, 13. quadrilateral, 14. immunization

15. The system for purifying the air uses UV light to _____ microorganisms.
- v.* to make something idle or inoperative; to release from military service or remove from the active list of military service
16. They fear a _____ of a new type of virus.
- n.* an outbreak of a disease that affects many people over a very wide area
17. The doctor prescribed _____ to prevent blood clots in the patient's legs.
- n.* an anticoagulant drug used to prevent blood clots; often used during surgical procedures or in the treatment of blood clotting disorders
18. The museum contains a variety of artifacts, from ancient pottery to medieval armor, _____.
- n.* used to indicate that some other unspecified items or things could be included besides those already mentioned; and so on
19. The team needed to come up with a _____ strategy to turn things around.
- n.* a change in direction or focus, especially in a business or political strategy; a fixed point that supports something that turns or balances
20. This weather pattern is unique to the southern _____.
- n.* half of the terrestrial globe; half of a sphere
21. The nurse _____ the children in the school.
- v.* to treat with a vaccine, usually by injection, to produce immunity against a disease
22. The phone rang at the most _____ time.
- adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 15. inactivate, 16. pandemic, 17. heparin, 18. etcetera, 19. pivot, 20. hemisphere, 21. vaccinated, 22. opportune

23. The _____ of the glass required careful handling during shipping.
n. the quality of being easily broken, damaged, or destroyed; the state of being delicate or vulnerable
24. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease
25. The _____ expectations of the customers led to a decrease in sales.
adj. describing a need, goal, or expectation that has not been satisfied or fulfilled
26. The pandemic _____ the growth of the airline industry.
v. to make it difficult for someone to do something; to limit the development of something
27. I ordered a dozen _____ as an appetizer at the seafood restaurant.
n. a bivalve mollusk with a rough irregular shell, often eaten raw or cooked, and sometimes used as a pearl-producing animal or a source of mother-of-pearl
28. The shape of a bird's _____ varies greatly depending on the environment in which it lives.
n. the vocal organ of a bird; a primitive wind instrument consisting of several parallel pipes bound together
29. The government is investing in programs to support _____ and small business development.
n. the process or skill of starting and running a business, particularly a new and innovative one
30. He was known to be very _____ and would often work late into the night.
adj. hardworking, diligent, and persistent in effort

ANSWERS: 23. fragility, 24. medicinal, 25. unmet, 26. hindered, 27. oysters, 28. syrinx, 29. entrepreneurship, 30. industrious

ANSWERS: