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Vocabulary Builder Reference from...

Jay Bradner: Open-source cancer research | TED

Talk

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

Advanced Words Only

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Session 1: Word List

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.

billboard

n. a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads

synonym: hoarding, signboard, advertisement

(1) **billboard** advertising, (2) digital **billboard**

The new **billboard** on the highway promotes a popular vacation destination.

bonafide

adj. genuine or real; describing something or someone that is genuinely what they claim to be and can be trusted or accepted as true or authentic

synonym: genuine, authentic, legitimate

(1) **bonafide** employee, (2) **bonafide** agreement

She had a **bonafide** talent for singing, evident by her numerous awards and performances.

pancreas

n. a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

synonym : gland, organ, islet

(1) **pancreas** inflammation, (2) **pancreas** function

The endocrine function of the **pancreas** involves the secretion of hormones such as insulin.

apocalyptic

adj. describing severe damage and destruction in past or future events, or the end of the world

synonym : fateful, prophetic, ominous

(1) **apocalyptic** event, (2) have **apocalyptic** overtones

The **apocalyptic** landscape of burnt-out villages and bombed-out ruins spread out before them.

unsatisfying

adj. not fulfilling someone's desires, expectations, or needs; incomplete or inadequate.

synonym : disappointing, dissatisfying, subpar

(1) **unsatisfying** labor, (2) **unsatisfying** reality

The meal was **unsatisfying** and left her feeling hungry an hour later.

locksmith

n. a person who specializes in making, repairing, or opening locks, often also dealing with keys and other security devices

synonym : keysmith, lock expert

(1) professional **locksmith**, (2) emergency **locksmith**

After I accidentally locked my keys inside, I called a 24-hour **locksmith** to help me unlock my car.

hematology

n. the branch of medical science deals with the study of blood and its components, including blood diseases and disorders such as anemia, leukemia, and blood clotting disorders. It also encompasses the study of the blood-forming organs such as the bone marrow and lymphatic system

synonym :

study of blood, blood science, hemopathology

(1) **hematology** finding, (2) **hematology** department

The medical lab specializes in **hematology** testing and analysis.

oncology

n. the branch of medicine that deals with the study and treatment of tumors, especially malignancies

synonym: cancer treatment, study of tumors

(1) **oncology** center, (2) modern **oncology** treatment

The pharmaceutical company unveiled its latest breakthrough drug for the **oncology** market.

cascade

n. a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units

synonym: waterfall, watercourse, step

(1) **cascade** connection, (2) transistor **cascade**

The **cascade** of waterfalls in the national park was a breathtaking sight.

arsenic

n. a poisonous chemical element that occurs naturally in some rocks and minerals and is sometimes used in pesticides and wood preservatives

synonym: poison, toxin

(1) **arsenic** poisoning, (2) **arsenic** contamination

Exposure to **arsenic** in drinking water can cause serious health problems.

thalidomide

n. a sedative and hypnotic drug that was once used as a sleep aid and to relieve morning sickness in pregnant women but was later discovered to cause severe congenital disabilities

synonym: teratogen, sedative

(1) **thalidomide** side effects, (2) **thalidomide** scandal

Modern **thalidomide-based** therapies have strict guidelines to prevent pregnancies during treatment due to the known risks.

mustard

n. a yellow or brown condiment that tastes spicy made from the seeds of various plants; (adjective) between yellow and brown

synonym : condiment, sauce, spice

(1) **mustard** leaf, (2) black **mustard** seed

He had to endure the **mustard** gas attack during the war.

dissatisfy

v. to fail to satisfy someone

synonym : disappoint, disgruntle, dishearten

(1) **dissatisfy** the users with bugs, (2) **dissatisfy** people with service

The company's results **dissatisfy** everyone.

midline

n. an imaginary line that divides something, such as a shape, object, or body, into two equal or symmetrical halves

synonym : centerline, median, halfway point

(1) **midline** incision, (2) **midline** herniation

The **midline** of a rectangle divides it into two halves.

unwind

v. to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something

synonym : relax, de-stress, unroll

(1) **unwind** after work, (2) **unwind** on vacation

I like to **unwind** with a good book after a long day at work.

addict

n. a person who cannot stop using or doing something as a habit, especially something harmful

synonym : devotee, buff, freak

(1) a drug **addict**, (2) Internet **addict**

We have become TV **addicts** due to video streaming services.

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.

excite

v. to make someone feel suddenly enthusiastic or eager

synonym: thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

firefighter

n. a person whose job is to extinguish fires

(1) forest **firefighter**, (2) decided to be a **firefighter**

The **firefighter** broke into the house bravely to rescue the children.

incurable

adj. not able to be cured, healed, or remedied; beyond recovery or redemption

synonym: unrecoverable, irreparable, hopeless

(1) **incurable** patient, (2) **incurable** romantic

The patient was diagnosed with an **incurable** disease and given only a few months to live.

oblige

v. to force or require someone to do something through legal, social, or moral obligations; to voluntarily do something to help or please someone; to be indebted or grateful to someone

synonym: compel, require, force

(1) **oblige** him to reject, (2) **oblige** a request

As a citizen, we must **oblige** to the laws of the land.

hind

adj. situated at the back or rear; coming after, following; of, or relating to the hindquarters or hind legs of an animal

synonym: back, rear, posterior

(1) **hind** toe, (2) **hind** paw

The farmer noticed a **hind** leg injury on one of his cows and called the vet for help.

myeloma

n. a type of cancer that originates in plasma cells, which are a type of white blood cell found in bone marrow,

characterized by the abnormal growth of these cells and the overproduction of antibodies

(1) bone marrow **myeloma**, (2) plasma cell **myeloma**

My grandfather was diagnosed with multiple **myeloma**, a cancer affecting plasma cells.

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.

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.

salesperson

n. 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.

motto

n. a phrase or slogan that expresses a guiding principle or goal

synonym: slogan, catchphrase, phrase

(1) the **motto** for safe traffic, (2) company **motto**

The company's **motto** is "Innovation and Service," which is reflected in its products and customer support.

lymphoma

n. 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.

parenthesis

n. a pair of curved marks () used in writing as a way of separating and marking off a clause, phrase, or word that is not essential to the structure of the sentence but adds additional information or clarification

synonym: bracket, round bracket, curved bracket

(1) a sentence in **parenthesis**, (2) **parenthesis** in literature
Make sure to include all necessary information within the **parenthesis** in your citation.

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.

Session 2: Spelling

1. a drug ad___t *n.* a person who cannot stop using or doing something as a habit, especially something harmful
2. co___l attention *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
3. bo____de agreement *adj.* genuine or real; describing something or someone that is genuinely what they claim to be and can be trusted or accepted as true or authentic
4. forest fir____er *n.* a person whose job is to extinguish fires
5. pa____as function *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine
6. dis____fy the users with bugs *v.* to fail to satisfy someone
7. black mu____d seed *n.* a yellow or brown condiment that tastes spicy made from the seeds of various plants; (adjective) between yellow and brown
8. ex___e rebellion *v.* to make someone feel suddenly enthusiastic or eager
9. an op____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 1. addict, 2. compel, 3. bonafide, 4. firefighter, 5. pancreas, 6. dissatisfy, 7. mustard, 8. excite, 9. opportune

10. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
11. on____gy center *n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
12. pa____as inflammation *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine
13. transistor ca____e *n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
14. ca____e connection *n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
15. ar____c contamination *n.* a poisonous chemical element that occurs naturally in some rocks and minerals and is sometimes used in pesticides and wood preservatives
16. hem____gy finding *n.* the branch of medical science deals with the study of blood and its components, including blood diseases and disorders such as anemia, leukemia, and blood clotting disorders. It also encompasses the study of the blood-forming organs such as the bone marrow and lymphatic system
17. company mo__o *n.* a phrase or slogan that expresses a guiding principle or goal

ANSWERS: 10. excite, 11. oncology, 12. pancreas, 13. cascade, 14. cascade, 15. arsenic, 16. hematology, 17. motto

18. un___d on vacation *v.* to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something
19. modern on____gy treatment *n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
20. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
21. 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
22. ar____c poisoning *n.* a poisonous chemical element that occurs naturally in some rocks and minerals and is sometimes used in pesticides and wood preservatives
23. a sentence in par_____is *n.* a pair of curved marks () used in writing as a way of separating and marking off a clause, phrase, or word that is not essential to the structure of the sentence but adds additional information or clarification
24. non-hodgkin ly____ma *n.* a type of cancer that affects the body's lymphatic system, which is responsible for fighting infection and disease
25. the mo__o for safe traffic *n.* a phrase or slogan that expresses a guiding principle or goal

ANSWERS: 18. unwind, 19. oncology, 20. opportune, 21. crowdsourcing, 22. arsenic, 23. parenthesis, 24. lymphoma, 25. motto

26. ind_____us student *adj.* hardworking, diligent, and persistent in effort
27. un___d after work *v.* to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something
28. digital bi_____rd *n.* a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads
29. decided to be a fir_____er *n.* a person whose job is to extinguish fires
30. apo_____ic event *adj.* describing severe damage and destruction in past or future events, or the end of the world
31. bi_____rd advertising *n.* a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads
32. uns_____ing labor *adj.* not fulfilling someone's desires, expectations, or needs; incomplete or inadequate.
33. dis_____fy people with service *v.* to fail to satisfy someone
34. Internet ad____t *n.* a person who cannot stop using or doing something as a habit, especially something harmful
35. emergency lo_____th *n.* a person who specializes in making, repairing, or opening locks, often also dealing with keys and other security devices

ANSWERS: 26. industrious, 27. unwind, 28. billboard, 29. firefighter, 30. apocalyptic, 31. billboard, 32. unsatisfying, 33. dissatisfy, 34. addict, 35. locksmith

36. uns_____ing reality *adj.* not fulfilling someone's desires, expectations, or needs; incomplete or inadequate.
37. a sal_____on in a store *n.* a person whose job is to sell goods in a shop or directly to customers
38. h__d toe *adj.* situated at the back or rear; coming after, following; of, or relating to the hindquarters or hind legs of an animal
39. ob___e a request *v.* to force or require someone to do something through legal, social, or moral obligations; to voluntarily do something to help or please someone; to be indebted or grateful to someone
40. mi_____e incision *n.* an imaginary line that divides something, such as a shape, object, or body, into two equal or symmetrical halves
41. in_____le patient *adj.* not able to be cured, healed, or remedied; beyond recovery or redemption
42. mi_____e herniation *n.* an imaginary line that divides something, such as a shape, object, or body, into two equal or symmetrical halves
43. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
44. in_____le romantic *adj.* not able to be cured, healed, or remedied; beyond recovery or redemption

ANSWERS: 36. unsatisfying, 37. salesperson, 38. hind, 39. oblige, 40. midline, 41. incurable, 42. midline, 43. medicinal, 44. incurable

45. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
46. professional lo_____th *n.* a person who specializes in making, repairing, or opening locks, often also dealing with keys and other security devices
47. ob___e him to reject *v.* to force or require someone to do something through legal, social, or moral obligations; to voluntarily do something to help or please someone; to be indebted or grateful to someone
48. a drapery sal_____on *n.* a person whose job is to sell goods in a shop or directly to customers
49. mu_____d leaf *n.* a yellow or brown condiment that tastes spicy made from the seeds of various plants; (adjective) between yellow and brown
50. cro_____ing 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
51. co___l a person to submission *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
52. plasma cell my_____a *n.* a type of cancer that originates in plasma cells, which are a type of white blood cell found in bone marrow, characterized by the abnormal growth of these cells and the overproduction of antibodies

ANSWERS: 45. industrious, 46. locksmith, 47. oblige, 48. salesperson, 49. mustard, 50. crowdsourcing, 51. compel, 52. myeloma

53. tha_____de scandal *n.* a sedative and hypnotic drug that was once used as a sleep aid and to relieve morning sickness in pregnant women but was later discovered to cause severe congenital disabilities
54. childhood ly_____ma *n.* a type of cancer that affects the body's lymphatic system, which is responsible for fighting infection and disease
55. bone marrow my_____a *n.* a type of cancer that originates in plasma cells, which are a type of white blood cell found in bone marrow, characterized by the abnormal growth of these cells and the overproduction of antibodies
56. tha_____de side effects *n.* a sedative and hypnotic drug that was once used as a sleep aid and to relieve morning sickness in pregnant women but was later discovered to cause severe congenital disabilities
57. h__d paw *adj.* situated at the back or rear; coming after, following; of, or relating to the hindquarters or hind legs of an animal
58. hem_____gy department *n.* the branch of medical science deals with the study of blood and its components, including blood diseases and disorders such as anemia, leukemia, and blood clotting disorders. It also encompasses the study of the blood-forming organs such as the bone marrow and lymphatic system

ANSWERS: 53. thalidomide, 54. lymphoma, 55. myeloma, 56. thalidomide, 57. hind, 58. hematology

59. have apo_____ic overtones *adj.* describing severe damage and destruction in past or future events, or the end of the world
60. par_____is in literature *n.* a pair of curved marks () used in writing as a way of separating and marking off a clause, phrase, or word that is not essential to the structure of the sentence but adds additional information or clarification
61. bo_____de employee *adj.* genuine or real; describing something or someone that is genuinely what they claim to be and can be trusted or accepted as true or authentic
62. traditional me_____al *adj.* of or relating to the treatment or cure of disease

ANSWERS: 59. apocalyptic, 60. parenthesis, 61. bonafide, 62. medicinal

Session 3: Fill in the Blanks

1. The strict deadlines will _____ the team to work efficiently.
 - 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

2. The _____ of waterfalls in the national park was a breathtaking sight.
 - n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units

3. The new _____ on the highway promotes a popular vacation destination.
 - n.* a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads

4. The pharmaceutical company unveiled its latest breakthrough drug for the _____ market.
 - n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies

5. The endocrine function of the _____ involves the secretion of hormones such as insulin.
 - n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

6. The _____ broke into the house bravely to rescue the children.
 - n.* a person whose job is to extinguish fires

7. He received the title of the best _____ in all our branches worldwide.
 - n.* a person whose job is to sell goods in a shop or directly to customers

ANSWERS: 1. compel, 2. cascade, 3. billboard, 4. oncology, 5. pancreas, 6. firefighter, 7. salesperson

8. The farmer noticed a _____ leg injury on one of his cows and called the vet for help.
adj. situated at the back or rear; coming after, following; of, or relating to the hindquarters or hind legs of an animal
9. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease
10. The patient was diagnosed with an _____ disease and given only a few months to live.
adj. not able to be cured, healed, or remedied; beyond recovery or redemption
11. Make sure to include all necessary information within the _____ in your citation.
n. a pair of curved marks () used in writing as a way of separating and marking off a clause, phrase, or word that is not essential to the structure of the sentence but adds additional information or clarification
12. I like to _____ with a good book after a long day at work.
v. to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something
13. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose
14. The news of her promotion _____ her.
v. to make someone feel suddenly enthusiastic or eager

ANSWERS: 8. hind, 9. medicinal, 10. incurable, 11. parenthesis, 12. unwind, 13. opportune, 14. excited

15. Modern _____ therapies have strict guidelines to prevent pregnancies during treatment due to the known risks.
- n.* a sedative and hypnotic drug that was once used as a sleep aid and to relieve morning sickness in pregnant women but was later discovered to cause severe congenital disabilities
16. My grandfather was diagnosed with multiple _____ a cancer affecting plasma cells.
- n.* a type of cancer that originates in plasma cells, which are a type of white blood cell found in bone marrow, characterized by the abnormal growth of these cells and the overproduction of antibodies
17. The _____ landscape of burnt-out villages and bombed-out ruins spread out before them.
- adj.* describing severe damage and destruction in past or future events, or the end of the world
18. The company's _____ is "Innovation and Service," which is reflected in its products and customer support.
- n.* a phrase or slogan that expresses a guiding principle or goal
19. We have become TV _____ due to video streaming services.
- n.* a person who cannot stop using or doing something as a habit, especially something harmful
20. The company's results _____ everyone.
- v.* to fail to satisfy someone
21. The meal was _____ and left her feeling hungry an hour later.
- adj.* not fulfilling someone's desires, expectations, or needs; incomplete or inadequate.

ANSWERS: 15. thalidomide-based, 16. myeloma, 17. apocalyptic, 18. motto, 19. addicts, 20. dissatisfy, 21. unsatisfying

22. He had to endure the _____ gas attack during the war.
n. a yellow or brown condiment that tastes spicy made from the seeds of various plants; (adjective) between yellow and brown
23. He was known to be very _____ and would often work late into the night.
adj. hardworking, diligent, and persistent in effort
24. 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
25. 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
26. The medical lab specializes in _____ testing and analysis.
n. the branch of medical science deals with the study of blood and its components, including blood diseases and disorders such as anemia, leukemia, and blood clotting disorders. It also encompasses the study of the blood-forming organs such as the bone marrow and lymphatic system
27. As a citizen, we must _____ to the laws of the land.
v. to force or require someone to do something through legal, social, or moral obligations; to voluntarily do something to help or please someone; to be indebted or grateful to someone
28. She had a _____ talent for singing, evident by her numerous awards and performances.
adj. genuine or real; describing something or someone that is genuinely what they claim to be and can be trusted or accepted as true or authentic

ANSWERS: 22. mustard, 23. industrious, 24. crowdsourcing, 25. lymphoma, 26. hematology, 27. oblige, 28. bonafide

29. The _____ of a rectangle divides it into two halves.

- n.* an imaginary line that divides something, such as a shape, object, or body, into two equal or symmetrical halves

30. After I accidentally locked my keys inside, I called a 24-hour _____ to help me unlock my car.

- n.* a person who specializes in making, repairing, or opening locks, often also dealing with keys and other security devices

31. Exposure to _____ in drinking water can cause serious health problems.

- n.* a poisonous chemical element that occurs naturally in some rocks and minerals and is sometimes used in pesticides and wood preservatives

ANSWERS: 29. midline, 30. locksmith, 31. arsenic