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Vocabulary Builder Reference from...

Melvin Sanicas: What makes TB the world's most infectious killer? | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

archaeology

n. the branch of anthropology that studies prehistoric people and their cultures

(1) the institute of **archaeology**, (2) prehistoric **archaeology**

She teaches **archaeology** at the local university.

uncover

v. to remove the cover from something; to discover something previously unseen or hidden

synonym: disclose, reveal, unveil

(1) **uncover** a potential problem, (2) **uncover** the truth

He continued his investigation and soon **uncovered** another crime.

infect

v. to affect a person, an animal, or a plant with a disease-causing organism

synonym: pollute, contaminate, affect

(1) **infect** other animal species, (2) **infect** a computer with a virus

Children often **infect** parents with this head cold.

consumptive

adj. relating to or caused by the consumption, especially the wasting effects of tuberculosis or other chronic illness; excessively consuming or draining

synonym: wasting, draining, depleting

(1) **consumptive** lifestyle, (2) **consumptive** use of resources

The **consumptive** cough was a symptom of the patient's advanced tuberculosis.

phthisis

n. (an archaic term for "tuberculosis") a bacterial infection that primarily affects the lungs and can cause severe respiratory symptoms, such as coughing and difficulty breathing

synonym: tuberculosis, wasting disease

(1) lung **phthisis**, (2) abdominal **phthisis**

The patient's cough and fatigue were signs of progressing **phthisis**.

pathogen

n. a bacterium, virus, or other microorganism that causes disease

synonym: germ, microbe, bacterium

(1) plant **pathogen**, (2) the **pathogen** in the air

mRNA vaccines are approved faster because they do not contain inactivated **pathogens**.

mycobacterium

n. a genus of bacteria, some of which can cause infections in humans and animals

synonym: germ, bacillus, microbe

(1) **mycobacterium** tuberculosis, (2) **mycobacterium** leprae

The laboratory was testing for the presence of **mycobacterium** in the water samples.

airborne

adj. moved or conveyed by or through the air; in the air

synonym: flying, aerial, floating

(1) **airborne** troop, (2) **airborne** particles

The amount of **airborne** pollen this year is higher than usual.

airway

n. the air passage from the nose and throat to the lungs; a designated route followed by airplanes flying from one airport to another

synonym : air passage, air duct, skyway

(1) **airway** blockage, (2) **airway** beacon

When performing lifesaving, the first step is to secure the **airway**.

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**.

invade

v. to enter aggressively into another's territory by military force for conquest and occupation

synonym : intrude, raid, overrun

(1) **invade** other tissues, (2) **invade** his privacy

I have no intention to **invade** your privacy.

malnutrition

n. the condition of having an improper or inadequate diet, typically resulting in weakness, illness, and developmental problems; the state of being undernourished or lacking essential nutrients

synonym : undernourishment, starvation, hunger

(1) severe **malnutrition**, (2) childhood **malnutrition**

The doctor advised the patient to eat a balanced diet to avoid **malnutrition**.

intruder

n. someone who enters a place or situation without permission or invitation; someone who interrupts or interferes in something

synonym : trespasser, intruder, interloper

(1) illegal **intruder**, (2) infrared **intruder** system

The homeowner called the police when they spotted an **intruder** in their backyard.

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.

deprivation

n. a state of not having something, such as food or money, that you need for a pleasant life

synonym : poverty, destitution, forfeiture

(1) chronic sleep **deprivation**, (2) **deprivation** of liberty

Losing him is great **deprivation** to our team.

microbe

n. a tiny living thing that can only be seen with a microscope and that may cause disease

synonym : germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

Microbes thrive on the surface of the human skin.

skeletal

adj. of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated

synonym : bony, emaciated, gaunt

(1) **skeletal** system, (2) **skeletal** muscles

The older man was skinny and **skeletal** and not in good health.

intestine

n. a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products

synonym : gut, bowel, tract

(1) large **intestine**, (2) **intestine** wall

The small **intestine** is responsible for absorbing most of the nutrients from food.

impair

v. to damage something or make it weaker or worse
synonym : degrade, mar, deface

(1) **impair** my health, (2) **impair** insulin sensitivity

The accident made his vision **impaired**.

ashen

adj. appearing pale and drained of color, often due to shock, illness, or fear

synonym : pale, gray, wan

(1) **ashen** face, (2) **ashen** complexion

His face turned **ashen** when he heard the news of his brother's death.

stride

v. to walk with long steps in a particular direction; (noun) an important and positive progress

synonym : step, walk, march

(1) **stride** across a room, (2) **stride** down a slope

She **strides** confidently across the stage to accept her award.

germ

n. a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one

synonym : bacterium, microbe, pathogen

(1) antibiotic-resistant **germ**, (2) a **germ-free** environment

The **germ** of his idea came from watching birds flying in flocks.

physicist

n. a scientist who specializes in the field of physics

(1) talented **physicist**, (2) theoretical **physicist**

Einstein was an outstanding and famous **physicist** of the 20th century.

smallpox

n. a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death

synonym : variola

(1) **smallpox** epidemic, (2) **smallpox** vaccine

An outbreak of **smallpox** occurred in the 1920s.

groundwork

n. the basic or preparatory work or steps that provide a foundation for something

synonym: foundation, base, cornerstone

(1) **groundwork** foundation, (2) **groundwork** study

They laid the **groundwork** for the new project by conducting thorough research.

complication

n. something that makes a situation or condition that is complex or confused

synonym: confusion, complexity, difficulty

(1) **complication** of structure, (2) resolve without **complication**

He also continued to struggle with serious long-term **complications**.

latent

adj. existing but not yet expressed, active, or visible; hidden or dormant

synonym: dormant, inactive, potential

(1) **latent** desire, (2) **latent** threat

Many people have **latent** talents they are not aware of.

dormant

adj. in a state of temporary inactivity, rest, or sleep; not growing or progressing but capable of doing so under the right circumstances

synonym: inactive, sleeping, quiescent

(1) **dormant** volcano, (2) **dormant** account

The disease can remain **dormant** for years before it presents any symptoms.

discotheque

n. a nightclub or restaurant where recorded music is played, and people dance

synonym: nightclub, dance club, disco

(1) **discotheque** party, (2) **discotheque** scene

He couldn't wait to hit the **discotheque** and dance the night

away.

exacerbate

v. to make a situation, problem, or feeling worse

synonym: worsen, aggravate, escalate

(1) **exacerbate** the situation, (2) **exacerbate** symptoms

The heat wave **exacerbated** the drought conditions.

stigma

n. a mark of shame or disgrace associated with a particular circumstance, quality, or person

synonym: mark, blemish, disgrace

(1) social **stigma**, (2) **stigma** against obesity

The mental health **stigma** often prevents people from seeking treatment.

discourage

v. to make someone lose confidence, enthusiasm, or less willing to do something

synonym: dishearten, depress, demoralize

(1) **discourage** customers, (2) **discourage** bacterial growth

His parents tried to **discourage** him from becoming an artist.

Session 2: Spelling

1. dis_____ue scene
n. a nightclub or restaurant where recorded music is played, and people dance
2. sm_____ox vaccine
n. a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death
3. childhood mal_____ion
n. the condition of having an improper or inadequate diet, typically resulting in weakness, illness, and developmental problems; the state of being undernourished or lacking essential nutrients
4. con_____ve use of resources
adj. relating to or caused by the consumption, especially the wasting effects of tuberculosis or other chronic illness; excessively consuming or draining
5. con_____ve lifestyle
adj. relating to or caused by the consumption, especially the wasting effects of tuberculosis or other chronic illness; excessively consuming or draining
6. 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
7. large in_____ne
n. a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products

ANSWERS: 1. discotheque, 2. smallpox, 3. malnutrition, 4. consumptive, 5. consumptive, 6. macrophage, 7. intestine

8. in_____ne wall *n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
9. plant pa_____en *n.* a bacterium, virus, or other microorganism that causes disease
10. prehistoric arc_____gy *n.* the branch of anthropology that studies prehistoric people and their cultures
11. in___t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism
12. sk_____al system *adj.* of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated
13. 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
14. st___a against obesity *n.* a mark of shame or disgrace associated with a particular circumstance, quality, or person
15. la___t threat *adj.* existing but not yet expressed, active, or visible; hidden or dormant
16. ai___y blockage *n.* the air passage from the nose and throat to the lungs; a designated route followed by airplanes flying from one airport to another
17. a g___m-free environment *n.* a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one

ANSWERS: 8. intestine, 9. pathogen, 10. archaeology, 11. infect, 12. skeletal, 13. degrade, 14. stigma, 15. latent, 16. airway, 17. germ

18. myc_____ium tuberculosis *n.* a genus of bacteria, some of which can cause infections in humans and animals
19. do_____t account *adj.* in a state of temporary inactivity, rest, or sleep; not growing or progressing but capable of doing so under the right circumstances
20. mi_____es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
21. sm_____ox epidemic *n.* a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death
22. 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
23. dis_____ge bacterial growth *v.* to make someone lose confidence, enthusiasm, or less willing to do something
24. severe mal_____ion *n.* the condition of having an improper or inadequate diet, typically resulting in weakness, illness, and developmental problems; the state of being undernourished or lacking essential nutrients
25. la____t desire *adj.* existing but not yet expressed, active, or visible; hidden or dormant
26. dis_____ge customers *v.* to make someone lose confidence, enthusiasm, or less willing to do something

ANSWERS: 18. mycobacterium, 19. dormant, 20. microbe, 21. smallpox, 22. macrophage, 23. discourage, 24. malnutrition, 25. latent, 26. discourage

27. in___t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
28. ai___y beacon *n.* the air passage from the nose and throat to the lungs; a designated route followed by airplanes flying from one airport to another
29. theoretical ph_____st *n.* a scientist who specializes in the field of physics
30. resolve without com_____ion *n.* something that makes a situation or condition that is complex or confused
31. im___r my health *v.* to damage something or make it weaker or worse
32. as__n complexion *adj.* appearing pale and drained of color, often due to shock, illness, or fear
33. sk_____al muscles *adj.* of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated
34. chronic sleep dep_____on *n.* a state of not having something, such as food or money, that you need for a pleasant life
35. myc_____ium leprae *n.* a genus of bacteria, some of which can cause infections in humans and animals
36. ai_____ne particles *adj.* moved or conveyed by or through the air; in the air
37. lung ph_____is *n.* (an archaic term for "tuberculosis") a bacterial infection that primarily affects the lungs and can cause severe respiratory symptoms, such as coughing and difficulty breathing
38. exa_____te the situation *v.* to make a situation, problem, or feeling worse

ANSWERS: 27. infect, 28. airway, 29. physicist, 30. complication, 31. impair, 32. ashen, 33. skeletal, 34. deprivation, 35. mycobacterium, 36. airborne, 37. phthisis, 38. exacerbate

39. do_____t volcano *adj.* in a state of temporary inactivity, rest, or sleep; not growing or progressing but capable of doing so under the right circumstances
40. gro_____rk foundation *n.* the basic or preparatory work or steps that provide a foundation for something
41. ai_____ne troop *adj.* moved or conveyed by or through the air; in the air
42. social st____a *n.* a mark of shame or disgrace associated with a particular circumstance, quality, or person
43. 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
44. antibiotic-resistant g__m *n.* a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one
45. exa_____te symptoms *v.* to make a situation, problem, or feeling worse
46. abdominal ph____is *n.* (an archaic term for "tuberculosis") a bacterial infection that primarily affects the lungs and can cause severe respiratory symptoms, such as coughing and difficulty breathing
47. dep_____on of liberty *n.* a state of not having something, such as food or money, that you need for a pleasant life

ANSWERS: 39. dormant, 40. groundwork, 41. airborne, 42. stigma, 43. degrade, 44. germ, 45. exacerbate, 46. phthisis, 47. deprivation

48. gro_____rk study *n.* the basic or preparatory work or steps that provide a foundation for something
49. un_____r the truth *v.* to remove the cover from something; to discover something previously unseen or hidden
50. the pa_____en in the air *n.* a bacterium, virus, or other microorganism that causes disease
51. in___e other tissues *v.* to enter aggressively into another's territory by military force for conquest and occupation
52. com_____ion of structure *n.* something that makes a situation or condition that is complex or confused
53. as__n face *adj.* appearing pale and drained of color, often due to shock, illness, or fear
54. infrared in_____er system *n.* someone who enters a place or situation without permission or invitation; someone who interrupts or interferes in something
55. dis_____ue party *n.* a nightclub or restaurant where recorded music is played, and people dance
56. in___e his privacy *v.* to enter aggressively into another's territory by military force for conquest and occupation
57. un_____r a potential problem *v.* to remove the cover from something; to discover something previously unseen or hidden
58. the institute of arc_____gy *n.* the branch of anthropology that studies prehistoric people and their cultures

ANSWERS: 48. groundwork, 49. uncover, 50. pathogen, 51. invade, 52. complication, 53. ashen, 54. intruder, 55. discotheque, 56. invade, 57. uncover, 58. archaeology

59. pathogenic mi____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
60. st___e down a slope *v.* to walk with long steps in a particular direction; (noun) an important and positive progress
61. st___e across a room *v.* to walk with long steps in a particular direction; (noun) an important and positive progress
62. im___r insulin sensitivity *v.* to damage something or make it weaker or worse
63. talented ph____st *n.* a scientist who specializes in the field of physics
64. illegal in____er *n.* someone who enters a place or situation without permission or invitation; someone who interrupts or interferes in something

ANSWERS: 59. microbe, 60. stride, 61. stride, 62. impair, 63. physicist, 64. intruder

Session 3: Fill in the Blanks

1. His face turned _____ when he heard the news of his brother's death.
adj. appearing pale and drained of color, often due to shock, illness, or fear
2. He couldn't wait to hit the _____ and dance the night away.
n. a nightclub or restaurant where recorded music is played, and people dance
3. The _____ cough was a symptom of the patient's advanced tuberculosis.
adj. relating to or caused by the consumption, especially the wasting effects of tuberculosis or other chronic illness; excessively consuming or draining
4. He also continued to struggle with serious long-term _____.
n. something that makes a situation or condition that is complex or confused
5. She teaches _____ at the local university.
n. the branch of anthropology that studies prehistoric people and their cultures
6. The heat wave _____ the drought conditions.
v. to make a situation, problem, or feeling worse
7. The _____ of his idea came from watching birds flying in flocks.
n. a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one
8. An outbreak of _____ occurred in the 1920s.
n. a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death

ANSWERS: 1. ashen, 2. discotheque, 3. consumptive, 4. complications, 5. archaeology, 6. exacerbated, 7. germ, 8. smallpox

9. I have no intention to _____ your privacy.

- v.* to enter aggressively into another's territory by military force for conquest and occupation

10. The amount of _____ pollen this year is higher than usual.

- adj.* moved or conveyed by or through the air; in the air

11. 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

12. The laboratory was testing for the presence of _____ in the water samples.

- n.* a genus of bacteria, some of which can cause infections in humans and animals

13. Many people have _____ talents they are not aware of.

- adj.* existing but not yet expressed, active, or visible; hidden or dormant

14. When performing lifesaving, the first step is to secure the _____.

- n.* the air passage from the nose and throat to the lungs; a designated route followed by airplanes flying from one airport to another

15. The patient's cough and fatigue were signs of progressing _____.

- n.* (an archaic term for "tuberculosis") a bacterial infection that primarily affects the lungs and can cause severe respiratory symptoms, such as coughing and difficulty breathing

16. _____ thrive on the surface of the human skin.

- n.* a tiny living thing that can only be seen with a microscope and that may cause disease

ANSWERS: 9. invade, 10. airborne, 11. degrade, 12. mycobacterium, 13. latent, 14. airway, 15. phthisis, 16. Microbes

17. The accident made his vision _____.
- v.* to damage something or make it weaker or worse
18. mRNA vaccines are approved faster because they do not contain inactivated _____.
- n.* a bacterium, virus, or other microorganism that causes disease
19. She _____ confidently across the stage to accept her award.
- v.* to walk with long steps in a particular direction; (noun) an important and positive progress
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 older man was skinny and _____ and not in good health.
- adj.* of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated
22. Einstein was an outstanding and famous _____ of the 20th century.
- n.* a scientist who specializes in the field of physics
23. Losing him is great _____ to our team.
- n.* a state of not having something, such as food or money, that you need for a pleasant life
24. His parents tried to _____ him from becoming an artist.
- v.* to make someone lose confidence, enthusiasm, or less willing to do something

ANSWERS: 17. impaired, 18. pathogens, 19. strides, 20. macrophages, 21. skeletal, 22. physicist, 23. deprivation, 24. discourage

25. They laid the _____ for the new project by conducting thorough research.
n. the basic or preparatory work or steps that provide a foundation for something
26. The disease can remain _____ for years before it presents any symptoms.
adj. in a state of temporary inactivity, rest, or sleep; not growing or progressing but capable of doing so under the right circumstances
27. The homeowner called the police when they spotted an _____ in their backyard.
n. someone who enters a place or situation without permission or invitation; someone who interrupts or interferes in something
28. He continued his investigation and soon _____ another crime.
v. to remove the cover from something; to discover something previously unseen or hidden
29. The small _____ is responsible for absorbing most of the nutrients from food.
n. a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
30. The mental health _____ often prevents people from seeking treatment.
n. a mark of shame or disgrace associated with a particular circumstance, quality, or person
31. Children often _____ parents with this head cold.
v. to affect a person, an animal, or a plant with a disease-causing organism
32. The doctor advised the patient to eat a balanced diet to avoid _____.
n. the condition of having an improper or inadequate diet, typically resulting in weakness, illness, and developmental problems; the state of being undernourished or lacking essential nutrients

ANSWERS: 25. groundwork, 26. dormant, 27. intruder, 28. uncovered, 29. intestine, 30. stigma, 31. infect, 32. malnutrition

ANSWERS: