

Englist.me



Vocabulary Builder Reference from...

David Brenner: A new weapon in the fight against superbugs | TED Talk

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

Advanced Words Only

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

superbug

n. a strain of bacteria that is resistant to multiple types of antibiotics, making it difficult or impossible to treat with traditional medications

synonym: super bacteria, antibiotic-resistant bacteria

(1) **superbug** outbreak, (2) **superbug** infection

The hospital is battling a **superbug** that is resistant to antibiotics.

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.

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.

ultraviolet

adj. relating to or occupying the part of the spectrum beyond the violet end, especially radiation

synonym: black light, UV light, invisible light

(1) **ultraviolet** protection, (2) **ultraviolet** light

Ultraviolet radiation can cause skin damage if one is exposed for too long.

sterilize

v. to make something free of all forms of life, especially bacteria or viruses, by using heat, chemicals, or radiation

synonym: disinfect, sanitize, cleanse

(1) **sterilize** chemically, (2) **sterilize** surfaces

The nurse **sterilized** the instruments before the surgery to prevent any infections.

germicide

n. a substance or agent that is used to kill or inhibit the growth of microorganisms, particularly bacteria, and other pathogens

synonym: disinfectant, antimicrobial, sanitizer

(1) **germicide** spray, (2) **germicide** resistance

The hospital uses a powerful **germicide** to disinfect the medical equipment.

cataract

n. a clouding of the lens in the eye that affects vision; a large waterfall

synonym: clouding, blurriness, waterfall

(1) the thunder of a **cataract**, (2) **cataract** lens

The older man had a **cataract** removed from his eye, which improved his vision significantly.

superimpose

v. to place, layer, or overlay one thing on top of another, typically in such a way that both are still visible; to add or combine something additional into an existing structure, design, or system

synonym: overlay, impose, place over

(1) **superimpose** image, (2) **superimpose** text

The graphic designer will **superimpose** the logo over the image in the brochure.

imp

n. a mischievous or misbehaving child; a small and mischievous demon or sprite in folklore

synonym : demon, sprite, mischievous child

(1) a little **imp**, (2) behave like an **imp**

The mischievous **imp** caused trouble wherever it went.

penetrate

v. to pass into or through something, often by overcoming resistance

synonym : pierce, stab, go through

(1) **penetrate** a cell, (2) **penetrate** quickly into the skin

Western ideology slowly **penetrates** through the eastern countries.

doe

n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit

synonym : rabbit, bunny, hare

(1) **doe** rabbit, (2) buck and **doe**

Hunters use a whistle that makes the **doe** sound to lure stags.

emphatic

adj. expressing something forcibly and clearly; done or said with emphasis

synonym : forceful, assertive, definite

(1) **emphatic** victory, (2) **emphatic** tone

The coach was **emphatic** in his instructions to the players before the big game.

measles

n. a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children

synonym : rash, red measles, rubella

(1) **measles** outbreak, (2) **measles** vaccine

The school sent a notice of a **measles** case in one of the classrooms.

melanoma

n. a type of skin cancer that originates in the cells that produce pigment, usually occurring on sun-exposed skin areas

synonym : skin cancer, melanocarcinoma, pigmented tumor

(1) **melanoma** diagnosis, (2) **melanoma** treatment

Protecting your skin from the sun by wearing sunscreen and protective clothing can help reduce the risk of **melanoma**.

skepticism

n. an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge

synonym: distrust, doubt, suspicion

(1) natural **skepticism**, (2) **skepticism** toward bureaucracy

This party expresses **skepticism** about the efficacy of the health insurance system.

Session 2: Spelling

- | | |
|------------------------------------|--|
| 1. ult_____et light | <i>adj.</i> relating to or occupying the part of the spectrum beyond the violet end, especially radiation |
| 2. mi_____es sterilizer | <i>n.</i> a tiny living thing that can only be seen with a microscope and that may cause disease |
| 3. ca_____ct lens | <i>n.</i> a clouding of the lens in the eye that affects vision; a large waterfall |
| 4. talented ph_____st | <i>n.</i> a scientist who specializes in the field of physics |
| 5. me_____s vaccine | <i>n.</i> a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children |
| 6. ge_____de spray | <i>n.</i> a substance or agent that is used to kill or inhibit the growth of microorganisms, particularly bacteria, and other pathogens |
| 7. pe_____te quickly into the skin | <i>v.</i> to pass into or through something, often by overcoming resistance |
| 8. d_e rabbit | <i>n.</i> a mature female of mammals of which the male is called a buck, such as a deer or a rabbit |
| 9. sup_____se text | <i>v.</i> to place, layer, or overlay one thing on top of another, typically in such a way that both are still visible; to add or combine something additional into an existing structure, design, or system |

ANSWERS: 1. ultraviolet, 2. microbe, 3. cataract, 4. physicist, 5. measles, 6. germicide, 7. penetrate, 8. doe, 9. superimpose

10. st_____ze surfaces *v.* to make something free of all forms of life, especially bacteria or viruses, by using heat, chemicals, or radiation
11. su_____ug outbreak *n.* a strain of bacteria that is resistant to multiple types of antibiotics, making it difficult or impossible to treat with traditional medications
12. st_____ze chemically *v.* to make something free of all forms of life, especially bacteria or viruses, by using heat, chemicals, or radiation
13. me_____ma treatment *n.* a type of skin cancer that originates in the cells that produce pigment, usually occurring on sun-exposed skin areas
14. em_____ic tone *adj.* expressing something forcibly and clearly; done or said with emphasis
15. pe_____te a cell *v.* to pass into or through something, often by overcoming resistance
16. a little i_p *n.* a mischievous or misbehaving child; a small and mischievous demon or sprite in folklore
17. em_____ic victory *adj.* expressing something forcibly and clearly; done or said with emphasis
18. me_____s outbreak *n.* a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children
19. natural ske_____sm *n.* an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge

ANSWERS: 10. sterilize, 11. superbug, 12. sterilize, 13. melanoma, 14. emphatic, 15. penetrate, 16. imp, 17. emphatic, 18. measles, 19. skepticism

20. theoretical ph_____st *n.* a scientist who specializes in the field of physics
21. me_____ma diagnosis *n.* a type of skin cancer that originates in the cells that produce pigment, usually occurring on sun-exposed skin areas
22. buck and d_e *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
23. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
24. the thunder of a ca_____ct *n.* a clouding of the lens in the eye that affects vision; a large waterfall
25. ske_____sm toward bureaucracy *n.* an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge
26. behave like an i_p *n.* a mischievous or misbehaving child; a small and mischievous demon or sprite in folklore
27. su_____ug infection *n.* a strain of bacteria that is resistant to multiple types of antibiotics, making it difficult or impossible to treat with traditional medications
28. ult_____et protection *adj.* relating to or occupying the part of the spectrum beyond the violet end, especially radiation
29. sup_____se image *v.* to place, layer, or overlay one thing on top of another, typically in such a way that both are still visible; to add or combine something additional into an existing structure, design, or system

ANSWERS: 20. physicist, 21. melanoma, 22. doe, 23. microbe, 24. cataract, 25. skepticism, 26. imp, 27. superbug, 28. ultraviolet, 29. superimpose

30. ge_____de resistance

n. a substance or agent that is used to kill or inhibit the growth of microorganisms, particularly bacteria, and other pathogens

ANSWERS: 30. germicide

Session 3: Fill in the Blanks

- Hunters use a whistle that makes the ____ sound to lure stags.
n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
- _____ 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
- The hospital uses a powerful _____ to disinfect the medical equipment.
n. a substance or agent that is used to kill or inhibit the growth of microorganisms, particularly bacteria, and other pathogens
- The mischievous ____ caused trouble wherever it went.
n. a mischievous or misbehaving child; a small and mischievous demon or sprite in folklore
- The nurse _____ the instruments before the surgery to prevent any infections.
v. to make something free of all forms of life, especially bacteria or viruses, by using heat, chemicals, or radiation
- This party expresses _____ about the efficacy of the health insurance system.
n. an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge
- The hospital is battling a _____ that is resistant to antibiotics.
n. a strain of bacteria that is resistant to multiple types of antibiotics, making it difficult or impossible to treat with traditional medications

ANSWERS: 1. doe, 2. Microbes, 3. germicide, 4. imp, 5. sterilized, 6. skepticism, 7. superbug

8. The school sent a notice of a _____ case in one of the classrooms.
n. a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children
9. The graphic designer will _____ the logo over the image in the brochure.
v. to place, layer, or overlay one thing on top of another, typically in such a way that both are still visible; to add or combine something additional into an existing structure, design, or system
10. _____ radiation can cause skin damage if one is exposed for too long.
adj. relating to or occupying the part of the spectrum beyond the violet end, especially radiation
11. The older man had a _____ removed from his eye, which improved his vision significantly.
n. a clouding of the lens in the eye that affects vision; a large waterfall
12. Protecting your skin from the sun by wearing sunscreen and protective clothing can help reduce the risk of _____.
n. a type of skin cancer that originates in the cells that produce pigment, usually occurring on sun-exposed skin areas
13. The coach was _____ in his instructions to the players before the big game.
adj. expressing something forcibly and clearly; done or said with emphasis
14. Einstein was an outstanding and famous _____ of the 20th century.
n. a scientist who specializes in the field of physics
15. Western ideology slowly _____ through the eastern countries.
v. to pass into or through something, often by overcoming resistance

ANSWERS: 8. measles, 9. superimpose, 10. Ultraviolet, 11. cataract, 12. melanoma, 13. emphatic, 14. physicist, 15. penetrates

ANSWERS: