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## Vocabulary Builder Reference from...

*TED-Ed: 3 ways to end a virus | TED Talk*

[https://www.ted.com/talks/ted\\_ed\\_3\\_ways\\_to\\_end\\_a\\_virus](https://www.ted.com/talks/ted_ed_3_ways_to_end_a_virus)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### coronavirus

*n.* a group of viruses that cause respiratory, gastrointestinal, and neurological diseases in humans and other animals

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

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

### transmissible

*adj.* of or connected with something, such as a disease or trait, able to be passed or transmitted from one person or organism to another

*synonym*: contagious, infectious, transferable

(1) **transmissible** through contact, (2) maximum **transmissible** data size

The disease is highly **transmissible** and can be transmitted through close contact with infected individuals.

### 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.

## drastic

*adj.* radical and extreme; likely to have a significant or far-reaching impact

*synonym* : extreme, fierce, radical

(1) **drastic** measures, (2) make **drastic** revision

The global community is undergoing **drastic** changes at present.

## observable

*adj.* that can be noticed or seen

*synonym* : visible, perceptible, detectable

(1) **observable** change, (2) experimentally **observable**

Any theorem relies on both **observable** fact and assumption.

## extinct

*adj.* no longer in existence

*synonym* : dead, obsolete, abolished

(1) **extinct** by human activity, (2) long- **extinct** volcano

Many species have become **extinct** due to habitat destruction and other human activities.

## lineage

*n.* the ancestry of a person, group, or species

*synonym* : ancestry, descent, heritage

(1) maternal **lineage**, (2) **lineage** tree

Scientists traced the **lineage** of the species back millions of years by studying fossils.

## overrun

*v.* to invade or occupy a place or territory by force, especially in large numbers; (noun) the act of taking control or overwhelming something or someone

*synonym* : invade, conquer, occupy

(1) **overrun** an area, (2) garden **overrun** with weeds

The invading army quickly may **overrun** the small country and took control of its capital city.

## myxoma

*n.* a benign (= noncancerous) tumor that is made up of connective tissue cells and contains a large amount of mucus (= a thick, slimy substance)

(1) **myxoma** surgery, (2) infected **myxoma**

His **myxoma** tumor was discovered during a routine medical examination and was successfully removed through surgery.

### 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.

### 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.

### rinderpest

n. (also known as cattle plague) a viral disease that affects cloven-hoofed animals, including cattle, goats, and sheep, characterized by fever, diarrhea, and respiratory symptoms, and it can be fatal in severe cases

*synonym*: cattle plague, cattle fever

(1) **rinderpest** virus, (2) **rinderpest** control measures

The **rinderpest** outbreak led to the loss of many livestock.

### outcompete

v. to be more successful in competition than someone or something

*synonym*: outperform, outdo, surpass

(1) **outcompete** peers, (2) **outcompete** domestic producers

To **outcompete** its rivals, the company invested heavily in research and development.

### carve

v. to create something by cutting wood or stone; to turn sharply

*synonym*: sculpt, engrave, cut

(1) **carve** a statue, (2) **carve** my name on the plate

This statue is **carved** from a single tree trunk.

## norovirus

*n.* a virus that causes gastroenteritis (= inflammation of the stomach and intestines) that is highly contagious and is often spread through contaminated food or water or by close contact with an infected person

*synonym* : stomach flu, gastroenteritis, food poisoning

(1) **norovirus** outbreak, (2) suffer from **norovirus**

Proper hand hygiene is essential in preventing the spread of **norovirus**.

## 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.

## coexist

*v.* to live or exist together at the same time in the same place

*synonym* : cohabit, accompany, synchronize

(1) **coexist** with nature, (2) **coexist** with diversity

The different species can **coexist** in the same ecosystem by filling different niches and using different resources.

## cytoplasm

*n.* the gel-like substance that fills the cell and surrounds the cell's organelles made up of water, ions, and organic molecules

*synonym* : cytosol, protoplasm

(1) the **cytoplasm** of muscle fiber, (2) a small cellular organ of **cytoplasm**

The cell's **cytoplasm** is filled with various organelles that perform different functions.

## conceivable

*adj.* imaginable or possible to understand or believe in the mind

*synonym* : believable, imaginable, probable

(1) **conceivable** way, (2) **conceivable** emergency

It is challenging to defend every **conceivable** target.

## **cataclysm**

*n.* a sudden violent event that changes the earth's environment, such as a flood or a war

*synonym*: disaster, catastrophe, turmoil

(1) global **cataclysm**, (2) existential **cataclysm**

The earthquake was a **cataclysm** from which the local people never recovered.

## Session 2: Spelling

1. long-ex\_\_\_\_\_t volcano *adj.* no longer in existence
2. maternal li\_\_\_\_\_e *n.* the ancestry of a person, group, or species
3. in\_\_\_\_t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
4. a small cellular organ of cy\_\_\_\_\_sm *n.* the gel-like substance that fills the cell and surrounds the cell's organelles made up of water, ions, and organic molecules
5. infected my\_\_\_\_a *n.* a benign (= noncancerous) tumor that is made up of connective tissue cells and contains a large amount of mucus (= a thick, slimy substance)
6. con\_\_\_\_\_le emergency *adj.* imaginable or possible to understand or believe in the mind
7. out\_\_\_\_\_te domestic producers *v.* to be more successful in competition than someone or something
8. con\_\_\_\_\_le way *adj.* imaginable or possible to understand or believe in the mind
9. rin\_\_\_\_\_st virus *n.* (also known as cattle plague) a viral disease that affects cloven-hoofed animals, including cattle, goats, and sheep, characterized by fever, diarrhea, and respiratory symptoms, and it can be fatal in severe cases
10. 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

ANSWERS: 1. extinct, 2. lineage, 3. infect, 4. cytoplasm, 5. myxoma, 6. conceivable, 7. outcompete, 8. conceivable, 9. rinderpest, 10. intestine

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|------------------------------------|---|
| 11. experimentally obs_____le      | <i>adj.</i> that can be noticed or seen   |
| 12. in___t a computer with a virus | <i>v.</i> to affect a person, an animal, or a plant with a disease-causing organism   |
| 13. make dr_____c revision         | <i>adj.</i> radical and extreme; likely to have a significant or far-reaching impact  |
| 14. ca__e a statue                 | <i>v.</i> to create something by cutting wood or stone; to turn sharply   |
| 15. existential ca_____sm          | <i>n.</i> a sudden violent event that changes the earth's environment, such as a flood or a war   |
| 16. my___a surgery                 | <i>n.</i> a benign (= noncancerous) tumor that is made up of connective tissue cells and contains a large amount of mucus (= a thick, slimy substance)  |
| 17. cor_____us antibody test kit   | <i>n.</i> a group of viruses that cause respiratory, gastrointestinal, and neurological diseases in humans and other animals  |
| 18. no_____us outbreak             | <i>n.</i> a virus that causes gastroenteritis (= inflammation of the stomach and intestines) that is highly contagious and is often spread through contaminated food or water or by close contact with an infected person |
| 19. large in_____ne                | <i>n.</i> a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products  |
| 20. garden ov_____n with weeds     | <i>v.</i> to invade or occupy a place or territory by force, especially in large numbers; (noun) the act of taking control or overwhelming something or someone   |

ANSWERS: 11. observable, 12. infect, 13. drastic, 14. carve, 15. cataclysm, 16. myxoma, 17. coronavirus, 18. norovirus, 19. intestine, 20. overrun

21. maximum tra\_\_\_\_\_ble data size     *adj.* of or connected with something, such as a disease or trait, able to be passed or transmitted from one person or organism to another
22. obs\_\_\_\_\_le change     *adj.* that can be noticed or seen
23. out\_\_\_\_\_te peers     *v.* to be more successful in competition than someone or something
24. cor\_\_\_\_\_us bankruptcy     *n.* a group of viruses that cause respiratory, gastrointestinal, and neurological diseases in humans and other animals
25. rin\_\_\_\_\_st control measures     *n.* (also known as cattle plague) a viral disease that affects cloven-hoofed animals, including cattle, goats, and sheep, characterized by fever, diarrhea, and respiratory symptoms, and it can be fatal in severe cases
26. ca\_\_e my name on the plate     *v.* to create something by cutting wood or stone; to turn sharply
27. va\_\_\_\_\_te every year     *v.* to treat with a vaccine, usually by injection, to produce immunity against a disease
28. sm\_\_\_\_\_ox epidemic     *n.* a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death
29. ex\_\_\_\_\_t by human activity     *adj.* no longer in existence
30. tra\_\_\_\_\_ble through contact     *adj.* of or connected with something, such as a disease or trait, able to be passed or transmitted from one person or organism to another

ANSWERS: 21. transmissible, 22. observable, 23. outcompete, 24. coronavirus, 25. rinderpest, 26. carve, 27. vaccinate, 28. smallpox, 29. extinct, 30. transmissible



31. the cy\_\_\_\_\_sm of muscle fiber      *n.* the gel-like substance that fills the cell and surrounds the cell's organelles made up of water, ions, and organic molecules
32. suffer from no\_\_\_\_\_us      *n.* a virus that causes gastroenteritis (= inflammation of the stomach and intestines) that is highly contagious and is often spread through contaminated food or water or by close contact with an infected person
33. dr\_\_\_\_\_c measures      *adj.* radical and extreme; likely to have a significant or far-reaching impact
34. global ca\_\_\_\_\_sm      *n.* a sudden violent event that changes the earth's environment, such as a flood or a war
35. va\_\_\_\_\_te against scarlet fever      *v.* to treat with a vaccine, usually by injection, to produce immunity against a disease
36. co\_\_\_\_\_t with diversity      *v.* to live or exist together at the same time in the same place
37. sm\_\_\_\_\_ox vaccine      *n.* a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death
38. ov\_\_\_\_\_n an area      *v.* to invade or occupy a place or territory by force, especially in large numbers; (noun) the act of taking control or overwhelming something or someone
39. co\_\_\_\_\_t with nature      *v.* to live or exist together at the same time in the same place

ANSWERS: 31. cytoplasm, 32. norovirus, 33. drastic, 34. cataclysm, 35. vaccinate, 36. coexist, 37. smallpox, 38. overrun, 39. coexist

40. li\_\_\_\_\_e tree

*n.* the ancestry of a person, group, or species

ANSWERS: 40. lineage

## Session 3: Fill in the Blanks

1. The earthquake was a \_\_\_\_\_ from which the local people never recovered.  
*n.* a sudden violent event that changes the earth's environment, such as a flood or a war
  
2. Proper hand hygiene is essential in preventing the spread of \_\_\_\_\_.  
*n.* a virus that causes gastroenteritis (= inflammation of the stomach and intestines) that is highly contagious and is often spread through contaminated food or water or by close contact with an infected person
  
3. Many species have become \_\_\_\_\_ due to habitat destruction and other human activities.  
*adj.* no longer in existence
  
4. The different species can \_\_\_\_\_ in the same ecosystem by filling different niches and using different resources.  
*v.* to live or exist together at the same time in the same place
  
5. His \_\_\_\_\_ tumor was discovered during a routine medical examination and was successfully removed through surgery.  
*n.* a benign (= noncancerous) tumor that is made up of connective tissue cells and contains a large amount of mucus (= a thick, slimy substance)
  
6. This statue is \_\_\_\_\_ from a single tree trunk.  
*v.* to create something by cutting wood or stone; to turn sharply
  
7. Considering the situation of \_\_\_\_\_ organized stopped this year's beer festival.  
*n.* a group of viruses that cause respiratory, gastrointestinal, and neurological diseases in humans and other animals

ANSWERS: 1. cataclysm, 2. norovirus, 3. extinct, 4. coexist, 5. myxoma, 6. carved, 7. coronavirus,

8. The nurse \_\_\_\_\_ the children in the school.
- v. to treat with a vaccine, usually by injection, to produce immunity against a disease
9. Any theorem relies on both \_\_\_\_\_ fact and assumption.
- adj. that can be noticed or seen
10. The invading army quickly may \_\_\_\_\_ the small country and took control of its capital city.
- v. to invade or occupy a place or territory by force, especially in large numbers; (noun) the act of taking control or overwhelming something or someone
11. To \_\_\_\_\_ its rivals, the company invested heavily in research and development.
- v. to be more successful in competition than someone or something
12. The \_\_\_\_\_ outbreak led to the loss of many livestock.
- n. (also known as cattle plague) a viral disease that affects cloven-hoofed animals, including cattle, goats, and sheep, characterized by fever, diarrhea, and respiratory symptoms, and it can be fatal in severe cases
13. It is challenging to defend every \_\_\_\_\_ target.
- adj. imaginable or possible to understand or believe in the mind
14. The cell's \_\_\_\_\_ is filled with various organelles that perform different functions.
- n. the gel-like substance that fills the cell and surrounds the cell's organelles made up of water, ions, and organic molecules
15. 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

ANSWERS: 8. vaccinated, 9. observable, 10. overrun, 11. outcompete, 12. rinderpest, 13. conceivable, 14. cytoplasm, 15. intestine

16. An outbreak of \_\_\_\_\_ occurred in the 1920s.
- n.* a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death
17. Children often \_\_\_\_\_ parents with this head cold.
- v.* to affect a person, an animal, or a plant with a disease-causing organism
18. Scientists traced the \_\_\_\_\_ of the species back millions of years by studying fossils.
- n.* the ancestry of a person, group, or species
19. The disease is highly \_\_\_\_\_ and can be transmitted through close contact with infected individuals.
- adj.* of or connected with something, such as a disease or trait, able to be passed or transmitted from one person or organism to another
20. The global community is undergoing \_\_\_\_\_ changes at present.
- adj.* radical and extreme; likely to have a significant or far-reaching impact

ANSWERS: 16. smallpox, 17. infect, 18. lineage, 19. transmissible, 20. drastic