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Vocabulary Builder Reference from...

Ben Longdon: How do viruses jump from animals to humans? | TED Talk

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

Advanced Words Only

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Session 1: Word List

feverish

adj. having or showing symptoms of a high temperature, such as sweating and shivering; characterized by or showing strong feelings of excitement or energy

synonym : heated, hot, agitated

(1) feel **feverish**, (2) at a **feverish** pitch

She had a **feverish** look in her eyes as she struggled with illness.

hog

n. a domesticated pig or swine; a selfish or greedy person who keeps or takes more than their fair share of something; (verb) to take or use more than one's fair share of something, often to the detriment of others

synonym : pig, swine, boar

(1) **hog** farming, (2) **hog** all the glory

The farmer raised his **hogs** for meat and sold them at a local market.

inflame

v. to cause very strong feelings such as anger or excitement in a person or a group of people

synonym : agitate, arouse, enrage

(1) **inflame** skin, (2) **inflame** his passion

Her eyes **inflamed** with crying.

snout

n. the nose and mouth of an animal, especially when protruding or prominently featured

synonym: nose, muzzle, bill

(1) dig with the **snout**, (2) short **snouts**

The pig's **snout** was wet and covered in mud.

swine

n. a domestic pig, especially one bred for its meat

synonym: pig, hog, porker

(1) **swine** flu, (2) **swine** industry

The farmer raises **swine** on his farm for the market.

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.

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**.

parasite

n. an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

synonym: hitchhiker, leech, saprophyte

(1) blood-sucking **parasite**, (2) **parasite** disease

Tapeworms are **parasites** that live in the intestines of humans and animals.

hijack

v. to seize control of an airplane or other vehicle during an operation, especially with violence

synonym: commandeer, seize, pirate

(1) **hijack** a helicopter, (2) **hijack** a phone number

He made a desperate effort to **hijack** an airliner.

evade

v. to escape from or avoid meeting someone or something
synonym : dodge, avoid, bypass

(1) **evade** capture, (2) **evade** an issue

The jailbroken criminal is continuously attempting to **evade** the cops.

sneeze

v. to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants

synonym : exhale, whiff, blow

(1) **sneeze** into my hand, (2) **sneeze** loudly

Whenever I get a cold, I tend to **sneeze** a lot.

dissimilar

adj. not alike or having little in common

synonym : unlike, different, distinct

(1) **dissimilar** cultures, (2) **dissimilar** backgrounds

The two paintings were **dissimilar** in style and subject matter.

lettuce

n. a leafy vegetable that is often used as a base for salads or sandwiches; it has green leaves and a mild flavor

synonym : greens, salad, cress

(1) crisp **lettuce**, (2) wilted **lettuce**

I want a sandwich with extra **lettuce**, please.

inhospitable

adj. harsh and difficult to stay in or grow; unfriendly and unwelcoming towards people who visit you

synonym : sterile, unfriendly, unwelcoming

(1) **inhospitable** environment, (2) in an **inhospitable** manner

He trekked across some of the most **inhospitable** mountains in the world.

staggering

adj. so shocking as to stun or overwhelm
synonym : astounding, astonishing, stunning

(1) **staggering** number, (2) a **staggering** defeat
The amount of money required was **staggering**.

circulate

v. to move continuously or freely around a place or closed system

synonym : flow, disperse, rotate

(1) **circulate** a rumor, (2) **circulate** an agenda before the meeting
The fan **circulates** the air in the room quickly.

detrimental

adj. causing harm or damage

synonym : harmful, damaging, injurious

(1) **detrimental** eating habits, (2) **detrimental** to good health
The new policy had a **detrimental** impact on small businesses.

mammal

n. any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body

(1) a primitive **mammal**, (2) a sort of **mammal**
Marine **mammal** populations are declining worldwide due to ocean pollution.

chimpanzee

n. a small, very intelligent ape found in west and central Africa with black or brown fur

synonym : ape, chimp, pan troglodytes

(1) **chimpanzee** behavior, (2) **chimpanzee** society
Many zoos have **chimpanzee** exhibits, allowing visitors to observe these intelligent primates up close.

contagious

adj. able to be passed on to others through contact or proximity, especially by infection or disease

synonym : infectious, transmissible, communicable

(1) **contagious** enthusiasm, (2) **contagious** virus
The disease is highly **contagious** and spreads quickly.

saliva

n. the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion

synonym: spit, drool, slobber

(1) dog's **saliva**, (2) dry mouth with little **saliva**

The dentist asked him to spit out the excess **saliva** into the sink.

gestation

n. the state of being pregnant; the period during which an embryo or fetus develops, usually about 280 days in humans

synonym: pregnancy, carrying, incubation

(1) extrauterine **gestation**, (2) **gestation** time

The **gestation** period for elephants is 22 months.

virology

n. the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms

synonym: viral science, virus study, virus research

(1) diagnostic **virology**, (2) degree programs in **virology**

Advances in **virology** have led to the discovery of new viral diseases and their treatments.

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.

tirelessly

adv. without getting tired or fatigued; persistently, energetically, and continuously working with great effort

synonym: inexhaustibly, indefatigably, unceasingly

(1) dedicated **tirelessly**, (2) **tirelessly** help out

She worked **tirelessly** for hours to finish her project on time.

Session 2: Spelling

1. dedicated tir_____ly
adv. without getting tired or fatigued; persistently, energetically, and continuously working with great effort
2. short sn__ts
n. the nose and mouth of an animal, especially when protruding or prominently featured
3. ci_____te an agenda before the meeting
v. to move continuously or freely around a place or closed system
4. in_____e his passion
v. to cause very strong feelings such as anger or excitement in a person or a group of people
5. chi_____ee behavior
n. a small, very intelligent ape found in west and central Africa with black or brown fur
6. sta_____ng number
adj. so shocking as to stun or overwhelm
7. h_g farming
n. a domesticated pig or swine; a selfish or greedy person who keeps or takes more than their fair share of something; (verb) to take or use more than one's fair share of something, often to the detriment of others
8. h_g all the glory
n. a domesticated pig or swine; a selfish or greedy person who keeps or takes more than their fair share of something; (verb) to take or use more than one's fair share of something, often to the detriment of others

ANSWERS: 1. tirelessly, 2. snout, 3. circulate, 4. inflame, 5. chimpanzee, 6. staggering, 7. hog, 8. hog

9. in___t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism
10. det_____al eating habits *adj.* causing harm or damage
11. dry mouth with little sa___a *n.* the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion
12. chi_____ee society *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
13. ge_____on time *n.* the state of being pregnant; the period during which an embryo or fetus develops, usually about 280 days in humans
14. a sta_____ng defeat *adj.* so shocking as to stun or overwhelm
15. sw__e flu *n.* a domestic pig, especially one bred for its meat
16. dis_____ar backgrounds *adj.* not alike or having little in common
17. feel fe_____sh *adj.* having or showing symptoms of a high temperature, such as sweating and shivering; characterized by or showing strong feelings of excitement or energy
18. in___t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
19. det_____al to good health *adj.* causing harm or damage
20. degree programs in vi_____gy *n.* the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms

ANSWERS: 9. infect, 10. detrimental, 11. saliva, 12. chimpanzee, 13. gestation, 14. staggering, 15. swine, 16. dissimilar, 17. feverish, 18. infect, 19. detrimental, 20. virology

21. the pa____en in the air *n.* a bacterium, virus, or other microorganism that causes disease
22. dog's sa____a *n.* the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion
23. sn____e loudly *v.* to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants
24. hi____k a helicopter *v.* to seize control of an airplane or other vehicle during an operation, especially with violence
25. a primitive ma____l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
26. inh____ble environment *adj.* harsh and difficult to stay in or grow; unfriendly and unwelcoming towards people who visit you
27. extrauterine ge____on *n.* the state of being pregnant; the period during which an embryo or fetus develops, usually about 280 days in humans
28. ev__e capture *v.* to escape from or avoid meeting someone or something
29. un____r the truth *v.* to remove the cover from something; to discover something previously unseen or hidden

ANSWERS: 21. pathogen, 22. saliva, 23. sneeze, 24. hijack, 25. mammal, 26. inhospitable, 27. gestation, 28. evade, 29. uncover

30. con_____us virus *adj.* able to be passed on to others through contact or proximity, especially by infection or disease
31. sn___e into my hand *v.* to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants
32. dis_____ar cultures *adj.* not alike or having little in common
33. crisp le_____e *n.* a leafy vegetable that is often used as a base for salads or sandwiches; it has green leaves and a mild flavor
34. in_____e skin *v.* to cause very strong feelings such as anger or excitement in a person or a group of people
35. ci_____te a rumor *v.* to move continuously or freely around a place or closed system
36. at a fe_____sh pitch *adj.* having or showing symptoms of a high temperature, such as sweating and shivering; characterized by or showing strong feelings of excitement or energy
37. un_____r a potential problem *v.* to remove the cover from something; to discover something previously unseen or hidden
38. diagnostic vi_____gy *n.* the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms
39. a sort of ma____l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body

ANSWERS: 30. contagious, 31. sneeze, 32. dissimilar, 33. lettuce, 34. inflame, 35. circulate, 36. feverish, 37. uncover, 38. virology, 39. mammal

40. sw__e industry *n.* a domestic pig, especially one bred for its meat
41. ev__e an issue *v.* to escape from or avoid meeting someone or something
42. dig with the sn__t *n.* the nose and mouth of an animal, especially when protruding or prominently featured
43. plant pa____en *n.* a bacterium, virus, or other microorganism that causes disease
44. hi___k a phone number *v.* to seize control of an airplane or other vehicle during an operation, especially with violence
45. con_____us enthusiasm *adj.* able to be passed on to others through contact or proximity, especially by infection or disease
46. pa_____te disease *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
47. blood-sucking pa_____te *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
48. wilted le_____e *n.* a leafy vegetable that is often used as a base for salads or sandwiches; it has green leaves and a mild flavor
49. in an inh_____ble manner *adj.* harsh and difficult to stay in or grow; unfriendly and unwelcoming towards people who visit you
50. tir_____ly help out *adv.* without getting tired or fatigued; persistently, energetically, and continuously working with great effort

ANSWERS: 40. swine, 41. evade, 42. snout, 43. pathogen, 44. hijack, 45. contagious, 46. parasite, 47. parasite, 48. lettuce, 49. inhospitable, 50. tirelessly

ANSWERS:

Session 3: Fill in the Blanks

1. The disease is highly _____ and spreads quickly.
adj. able to be passed on to others through contact or proximity, especially by infection or disease
2. The farmer raises _____ on his farm for the market.
n. a domestic pig, especially one bred for its meat
3. She worked _____ for hours to finish her project on time.
adv. without getting tired or fatigued; persistently, energetically, and continuously working with great effort
4. The _____ period for elephants is 22 months.
n. the state of being pregnant; the period during which an embryo or fetus develops, usually about 280 days in humans
5. Marine _____ populations are declining worldwide due to ocean pollution.
n. any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
6. Children often _____ parents with this head cold.
v. to affect a person, an animal, or a plant with a disease-causing organism
7. The dentist asked him to spit out the excess _____ into the sink.
n. the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion
8. He continued his investigation and soon _____ another crime.
v. to remove the cover from something; to discover something previously unseen or hidden

ANSWERS: 1. contagious, 2. swine, 3. tirelessly, 4. gestation, 5. mammal, 6. infect, 7. saliva, 8. uncovered

9. mRNA vaccines are approved faster because they do not contain inactivated _____.
- n.* a bacterium, virus, or other microorganism that causes disease
10. The fan _____ the air in the room quickly.
- v.* to move continuously or freely around a place or closed system
11. The two paintings were _____ in style and subject matter.
- adj.* not alike or having little in common
12. He made a desperate effort to _____ an airliner.
- v.* to seize control of an airplane or other vehicle during an operation, especially with violence
13. The jailbroken criminal is continuously attempting to _____ the cops.
- v.* to escape from or avoid meeting someone or something
14. Advances in _____ have led to the discovery of new viral diseases and their treatments.
- n.* the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms
15. He trekked across some of the most _____ mountains in the world.
- adj.* harsh and difficult to stay in or grow; unfriendly and unwelcoming towards people who visit you
16. I want a sandwich with extra _____ please.
- n.* a leafy vegetable that is often used as a base for salads or sandwiches; it has green leaves and a mild flavor

ANSWERS: 9. pathogens, 10. circulates, 11. dissimilar, 12. hijack, 13. evade, 14. virology, 15. inhospitable, 16. lettuce,

17. The amount of money required was _____.

adj. so shocking as to stun or overwhelm

18. The pig's _____ was wet and covered in mud.

n. the nose and mouth of an animal, especially when protruding or prominently featured

19. The farmer raised his _____ for meat and sold them at a local market.

n. a domesticated pig or swine; a selfish or greedy person who keeps or takes more than their fair share of something; (verb) to take or use more than one's fair share of something, often to the detriment of others

20. Tapeworms are _____ that live in the intestines of humans and animals.

n. an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

21. Many zoos have _____ exhibits, allowing visitors to observe these intelligent primates up close.

n. a small, very intelligent ape found in west and central Africa with black or brown fur

22. The new policy had a _____ impact on small businesses.

adj. causing harm or damage

23. Her eyes _____ with crying.

v. to cause very strong feelings such as anger or excitement in a person or a group of people

24. She had a _____ look in her eyes as she struggled with illness.

adj. having or showing symptoms of a high temperature, such as sweating and shivering; characterized by or showing strong feelings of excitement or energy

ANSWERS: 17. staggering, 18. snout, 19. hogs, 20. parasites, 21. chimpanzee, 22. detrimental, 23. inflamed, 24. feverish

25. Whenever I get a cold, I tend to _____ a lot.

- v. to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants

ANSWERS: 25. sneeze