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Vocabulary Builder Reference from...

Hadyn Parry: Re-engineering mosquitos to fight disease | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

mosquito

n. a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

synonym : insect, bug, flea

(1) **mosquito** bite, (2) **mosquito** repellent

A stagnant water area are breeding ground for **mosquitos**.

dengue

n. (also "breakbone fever") a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash

synonym : breakbone fever, infectious tropical disease

(1) **dengue** mosquito, (2) **dengue** outbreak

Many people in this region have contracted **dengue** fever from mosquito bites.

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.

phenomenally

adv. extremely or exceptionally, especially in a way that is surprising

synonym: exceptionally, amazingly, remarkably

(1) **phenomenally** quick, (2) **phenomenally** gifted

He became **phenomenally** successful in the entertainment industry.

threefold

adj. three times as great or as many

synonym: three, triple, three times

(1) rise nearly **threefold**, (2) **threefold** increase

The price of the item was reduced **threefold** after the sale.

hemorrhage

n. profuse bleeding, often caused by a ruptured vessel

synonym: heavy bleeding

(1) **hemorrhage** from a breast, (2) **hemorrhage** control

He had a severe brain **hemorrhage** that left him paralyzed.

hitchhike

v. to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle

synonym: thumb a ride, bum a ride

(1) **hitchhike** a ride, (2) **hitchhike** across the country

She had to **hitchhike** to the nearest gas station when her car broke down.

puddle

n. a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance

synonym: pool, pond, small lake

(1) **puddle** of water, (2) step in a **puddle**

The rain had formed a large **puddle** on the sidewalk.

infest

v. to swarm or overrun with a large number of something undesirable, such as pests or parasites

synonym: invade, overrun

(1) **infest** a building, (2) **infest** a garden

The old storage shed was **infested** with rats and had to be torn down.

larva

n. the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

synonym : caterpillar, grub, maggot

(1) **larva** of a butterfly, (2) a moth **larva**

The butterfly emerged from its **larva** stage.

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.

sterile

adj. free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing

synonym : clean, germ-free, hygienic

(1) **sterile** environment, (2) a **sterile** man

Surgeons must use **sterile** instruments to prevent infection during an operation.

fertile

adj. capable of producing abundant vegetation or crops; intellectually productive

synonym : fruitful, productive, rich

(1) **fertile** ground, (2) **fertile** market

Herbs require **fertile** soil in a sunny, sheltered location.

caiman

n. a type of predatory reptile that belongs to the crocodylian family which resembles alligators and crocodiles but are smaller in size, typically found in Central and South America

synonym : alligator, crocodile, reptile

(1) **caiman** conservation, (2) **caiman** population

The **caiman's** diet mainly consists of fish and small mammals.

societal

adj. relating to society or social relationships

synonym : social, communal, cultural

(1) **societal** norms, (2) **societal** expectations

The **societal** pressure to conform is strong in this community.

Session 2: Spelling

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|--------------------------------|--|
| 1. in___t other animal species | <i>v.</i> to affect a person, an animal, or a plant with a disease-causing organism |
| 2. hi_____ke a ride | <i>v.</i> to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle |
| 3. th_____ld increase | <i>adj.</i> three times as great or as many |
| 4. a moth la__a | <i>n.</i> the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose |
| 5. ca___n population | <i>n.</i> a type of predatory reptile that belongs to the crocodylian family which resembles alligators and crocodiles but are smaller in size, typically found in Central and South America |
| 6. phe_____lly gifted | <i>adv.</i> extremely or exceptionally, especially in a way that is surprising |
| 7. de___e mosquito | <i>n.</i> (also "breakbone fever") a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash |
| 8. step in a pu___e | <i>n.</i> a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance |
| 9. hem_____ge from a breast | <i>n.</i> profuse bleeding, often caused by a ruptured vessel |

ANSWERS: 1. infect, 2. hitchhike, 3. threefold, 4. larva, 5. caiman, 6. phenomenally, 7. dengue, 8. puddle, 9. hemorrhage

10. in___t a garden *v.* to swarm or overrun with a large number of something undesirable, such as pests or parasites
11. de___e outbreak *n.* (also "breakbone fever") a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash
12. pu___e of water *n.* a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance
13. fe_____e ground *adj.* capable of producing abundant vegetation or crops; intellectually productive
14. fe_____e market *adj.* capable of producing abundant vegetation or crops; intellectually productive
15. hem_____ge control *n.* profuse bleeding, often caused by a ruptured vessel
16. la__a of a butterfly *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
17. in___e his privacy *v.* to enter aggressively into another's territory by military force for conquest and occupation
18. so_____al expectations *adj.* relating to society or social relationships
19. ca___n conservation *n.* a type of predatory reptile that belongs to the crocodylian family which resembles alligators and crocodiles but are smaller in size, typically found in Central and South America

ANSWERS: 10. infest, 11. dengue, 12. puddle, 13. fertile, 14. fertile, 15. hemorrhage, 16. larva, 17. invade, 18. societal, 19. caiman

20. mo_____to repellent *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
21. rise nearly th_____ld *adj.* three times as great or as many
22. in____t a building *v.* to swarm or overrun with a large number of something undesirable, such as pests or parasites
23. a st_____e man *adj.* free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing
24. mo_____to bite *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
25. phe_____lly quick *adv.* extremely or exceptionally, especially in a way that is surprising
26. in____e other tissues *v.* to enter aggressively into another's territory by military force for conquest and occupation
27. in____t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism
28. so_____al norms *adj.* relating to society or social relationships
29. hi_____ke across the country *v.* to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle
30. st_____e environment *adj.* free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing

ANSWERS: 20. mosquito, 21. threefold, 22. infest, 23. sterile, 24. mosquito, 25. phenomenally, 26. invade, 27. infect, 28. societal, 29. hitchhike, 30. sterile

ANSWERS:

Session 3: Fill in the Blanks

1. Children often _____ parents with this head cold.
v. to affect a person, an animal, or a plant with a disease-causing organism
2. The butterfly emerged from its _____ stage.
n. the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
3. The _____ diet mainly consists of fish and small mammals.
n. a type of predatory reptile that belongs to the crocodylian family which resembles alligators and crocodiles but are smaller in size, typically found in Central and South America
4. A stagnant water area are breeding ground for _____.
n. a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
5. Many people in this region have contracted _____ fever from mosquito bites.
n. (also "breakbone fever") a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash
6. The _____ pressure to conform is strong in this community.
adj. relating to society or social relationships
7. Herbs require _____ soil in a sunny, sheltered location.
adj. capable of producing abundant vegetation or crops; intellectually productive
8. The rain had formed a large _____ on the sidewalk.
n. a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance

ANSWERS: 1. infect, 2. larva, 3. caiman's, 4. mosquitos, 5. dengue, 6. societal, 7. fertile, 8. puddle

9. He had a severe brain _____ that left him paralyzed.
n. profuse bleeding, often caused by a ruptured vessel
10. The old storage shed was _____ with rats and had to be torn down.
v. to swarm or overrun with a large number of something undesirable, such as pests or parasites
11. She had to _____ to the nearest gas station when her car broke down.
v. to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle
12. Surgeons must use _____ instruments to prevent infection during an operation.
adj. free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing
13. I have no intention to _____ your privacy.
v. to enter aggressively into another's territory by military force for conquest and occupation
14. The price of the item was reduced _____ after the sale.
adj. three times as great or as many
15. He became _____ successful in the entertainment industry.
adv. extremely or exceptionally, especially in a way that is surprising

ANSWERS: 9. hemorrhage, 10. infested, 11. hitchhike, 12. sterile, 13. invade, 14. threefold, 15. phenomenally