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# Vocabulary Builder Reference from...

Nina Fedoroff: A secret weapon against Zika and other mosquito-borne diseases | TED Talk https://www.ted.com/talks/nina\_fedoroff\_a\_secret\_we apon\_against\_zika\_and\_other\_mosquito\_borne\_dise ases



# **Advanced Words Only**

#### **IMPORTANT**

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# **Session 1: Word List**

dread

v. to be very afraid of or worried about something that is going to happen or that might happen

synonym: fear, cringe, apprehend

(1) dread failure, (2) dread getting old

We all **dread** to think about what will happen if the company goes bankrupt.

terrifying

adj. very frightening or intimidating

synonym: frightening, intimidating, alarming

(1) terrifying experience, (2) terrifying events

Large earthquakes often generate **terrifying** tsunamis.

uptick

 a slight increase or upward trend in something, such as a stock price or a particular statistic or trend

synonym: increase, rise, surge

(1) uptick in crime, (2) a dramatic uptick in sales

There was a noticeable **uptick** in customer complaints after implementing the new policy.

paralyze

 $\nu$ . to cause a person or part of the body to become unable to move or feel

synonym: immobilize, disable, numb

paralyze a city, (2) paralyze a person
 The venom from the snake bite paralyzed his arm.

#### 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.

# deformity

- n. a physical abnormality or distortionsynonym: abnormality, malformation, disfigurement
- (1) **deformity** of character, (2) physical **deformity**The **deformity** in the steel beam caused the bridge to collapse.

# microcephaly

 a medical condition characterized by an abnormally small head and underdeveloped brain, typically caused by genetic factors or prenatal infections

synonym: small brain, small head, microcrania

(1) detect **microcephaly** in ultrasound, (2) congenital **microcephaly** 

The Zika virus has been linked to cases of **microcephaly**, a congenital disability characterized by an abnormally small head.

# equator

- an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles)
- (1) south of the **equator**, (2) above the **equator** Ecuador is on the **equator**.

# mosquito

 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**.

yap

v. to talk or chat continuously, often in an annoying or high-pitched manner; to make a lot of noise or fuss about something

synonym: bark, yap, jabber

(1) yap loudly, (2) yap away for hours

He's always **yapping** about how much money he makes, but I don't believe him.

radiate

v. to spread out or emit something, such as light or heat, in all directions

synonym: give off, scatter, beam

(1) radiate an aura, (2) radiate in all directions

Roads **radiate** from the famous building in the center of the city.

upsurge

 a sudden and significant increase, a rise, or surge in something, especially in intensity or frequency

synonym: surge, increase, rise

(1) population **upsurge**, (2) an **upsurge** of emotion

The country saw an **upsurge** in tourism after the new airport was built.

dengue

n. 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.

natal

adj. relating to birth or the place of one's birth; connected with the beginning or origin of something

synonym: birth, nativity, born

(1) natal chart, (2) natal clinic

The mother-to-be attended **natal** classes to prepare for the birth of her first child.

# epicenter

 the point on the earth's surface directly above the focus of an earthquake

synonym: ground zero, focus, center

(1) the **epicenter** of the sports world, (2) **epicenter** magnitude

The **epicenter** of the earthquake was located deep beneath the earth's surface.

#### canoe

- a narrow, light boat with pointy ends and no keel that is propelled by a paddle
- (1) canoe race, (2) make a canoe trip

After the accident, the police found an empty **canoe**.

#### vaccinate

 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.

#### repellent

 adj. serving to drive away or repel something; unpleasant or offensive and causing a strong sense of aversion or disgust

synonym: disgusting, repulsive, offensive

(1) repellent odor, (2) repellent properties

She avoided the used car salesman because she found his pushy behavior **repellent**.

# foolproof

adj. designed to prevent mistakes or errors; infallible; incapable of going wrong

synonym: unfailing, foolproof, fail-safe

(1) foolproof method, (2) foolproof plan

This recipe is **foolproof** and easy to follow, even for

inexperienced cooks.

#### insecticide

- n. a substance used to kill insectssynonym: pesticide, bug-killer, rodenticide
- (1) insecticide spray, (2) insecticide residue

The farmer sprayed the crop with **insecticide** to protect it from pests.

# beekeeper

 a person who keeps bees, either for their honey or to pollinate crops

synonym: apiarist, apiculturist, honey farmer

(1) beekeeper hat, (2) local beekeeper

My neighbor is a professional **beekeeper** who sells honey at the local farmers' market.

#### nuke

v. (derived from "nuclear") to attack or destroy a place or target with a nuclear weapon; to cook food in a microwave oven; (noun) a nuclear weapon, such as a nuclear bomb or missile

synonym: blast, bomb, attack

(1) nuke a city, (2) nuke missile

The government threatened to **nuke** the enemy territory if they didn't surrender.

### downside

 the negative aspects or consequences of something; the potential for loss or failure

synonym: drawback, negative, disadvantage

(1) major **downside**, (2) **downside** of globalization The **downside** of the new policy was that it would be more expensive for customers.

#### creditor

n. a person, company, etc. to whom a debtor owes money

(1) the **creditor's** claims, (2) bankrupt **creditor** I asked the lawyer to initiate **creditor** negotiations for voluntary liquidation.

#### retell

- v. to tell someone about something again or differently synonym: reiterate, repeat, restate
- (1) **retell** a story, (2) **retell** an old tale He **retells** the truth to plead not guilty.

# pupa

 the intermediate stage in the development of an insect between the larva and the adult

synonym: chrysalis, cocoon, pupae

(1) **pupa** stage, (2) emerge from a **pupa** 

The **pupa** of the moth was hidden deep inside the cocoon.

### irradiate

v. to expose or subject something to radiation or intense light, often for sterilization or treatment; to emit or give off rays of light or energy; to illuminate or make something clear or evident

synonym: radiate, beam, emit

(1) **irradiate** the atmosphere, (2) **irradiate** a tumor The nuclear power plant was designed to **irradiate** the uranium rods to produce energy.

#### sterile

- adj. free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducingsynonym: clean, germ-free, hygienic
- sterile environment, (2) a sterile man
   Surgeons must use sterile instruments to prevent infection during an operation.

# hemisphere

- n. half of the terrestrial globe; half of a sphere
- (1) northern **hemisphere**, (2) cerebral **hemisphere**This weather pattern is unique to the southern **hemisphere**.

# chikungunya

 a viral infection carried by mosquitoes that causes fever and severe joint pain, often accompanied by a rash, headache, muscle pain, and fatigue

synonym: dengue fever, zika virus, malaria

(1) **chikungunya** fever, (2) **chikungunya** outbreak The **chikungunya** virus is transmitted to humans by

# mosquitoes.

### tangle

- n. a confused mass of something twisted together
- synonym: knot, snarl, entanglement
- (1) in a tangle, (2) tangle wires

The cords behind my computer were a **tangled** mess.

#### crank

 a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person

synonym: eccentric, oddball, kook

(1) crank handle, (2) crank caller

The fishing reel had a **crank** that made it easy to reel in the catch.

# tetracycline

 a broad-spectrum antibiotic drug often prescribed for the treatment of bacterial infections

synonym: antibiotic

(1) **tetracycline** antibiotics, (2) **tetracycline** resistance She was allergic to **tetracycline**, so the doctor had to find an alternative antibiotic for her condition.

wrinkle

 a small line or fold in something, especially fabric or the skin of the face; a minor difficulty

synonym: crinkle, fold, crumple

(1) a fine **wrinkle** on a fabric, (2) a facial **wrinkle** This suit is made of **wrinkle-proof** material.

#### beak

- n. the hard and pointed or curved mouse of a bird synonym: nib, pecker, snoot
- (1) sharp **beak**, (2) a tip of the **beak**

The bird's **beak** evolves according to the type of prey it can take on the area.

#### carton

 a lightbox or container made of cardboard, typically used for packaging or storing items

synonym: box, package, container

# (1) carton box, (2) empty carton

I need a **carton** of milk from the grocery store.

#### subtitle

n. a secondary title or alternate title that is displayed below the primary title often used to provide additional information or translation for a movie or video; a text that appears at the bottom of a movie, TV show, or video to provide a written translation or transcription of the spoken dialogue in another language

synonym: caption, heading, inscription

(1) chart **subtitle**, (2) foreign-language **subtitle**Make sure to turn on **subtitles** so you can understand the foreign film.

#### torturous

adj. causing extreme physical or mental pain or suffering;
 marked by or involving a slow, painful, or tortuous
 process or experience

synonym: agonizing, grueling, tormenting

(1) torturous journey, (2) torturous process

The **torturous** hike through the dense jungle tested our endurance.

#### cuddle

 to hold close and lovingly in one's arms, often for comfort or affection; to snuggle or nestle against someone or something

synonym: embrace, snuggle, hug

(1) cuddle buddy, (2) cuddle up with a book

I love to **cuddle** with my dog on the couch after a long day.

# bipartisan

adj. involving or supported by both of the main political parties in a country

synonym: neutral, impartial, nonpartisan

(1) promote **bipartisan** cooperation, (2) **bipartisan** agreement

The legislation was passed with **bipartisan** support from both parties.

# **legislator**

 a member of a group of people who has the power to make or enact laws

synonym: lawmaker, lawgiver, administrator

(1) a **legislator** appointed by the party, (2) incumbent **legislator** 

Corporate executives and **legislators** are still overwhelmingly men.

# expedite

v. to accelerate or speed up a process or task to make it happen more quickly or efficiently; to facilitate the progress of something

synonym: accelerate, hasten, hurry

(1) **expedite** the decision, (2) **expedite** the shipment We need to **expedite** the process if we want to meet our deadline.

### misinformation

information that is false or inaccurate, or the act of giving wrong information, especially deliberately

synonym: falsity, misreport, misstatement

(1) **misinformation** about a vaccine, (2) combat **misinformation** on social media

The government called for caution against pseudoscientific **misinformation** about vaccines.

#### industrious

adj. hardworking, diligent, and persistent in effort synonym: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student He was known to be very **industrious** and would often work late into the night.

# **Session 2: Spelling**

1.	a fine wre on a fabric	n.	a small line or fold in something, especially fabric or the skin of the face; a minor difficulty
2.	insde spray	n.	a substance used to kill insects
3.	tetine antibiotics	n.	a broad-spectrum antibiotic drug often prescribed for the treatment of bacterial infections
4.	cue buddy	<i>v</i> .	to hold close and lovingly in one's arms, often for comfort or affection; to snuggle or nestle against someone or something
5.	insde residue	n.	a substance used to kill insects
6.	rel an old tale	<i>v</i> .	to tell someone about something again or differently
7.	terng experience	adj.	very frightening or intimidating
8.	can box	n.	a lightbox or container made of cardboard, typically used for packaging or storing items
9.	promote bipan cooperation	adj.	involving or supported by both of the main political parties in a country
10.	dode of globalization	n.	the negative aspects or consequences of something; the potential for loss or failure
11.	indus student	adj.	hardworking, diligent, and persistent in effort
12.	rae in all directions	v.	to spread out or emit something, such as light or heat, in all directions

ANSWERS: 1. wrinkle, 2. insecticide, 3. tetracycline, 4. cuddle, 5. insecticide, 6. retell, 7. terrifying, 8. carton, 9. bipartisan, 10. downside, 11. industrious, 12. radiate

13. beer hat	n.	a person who keeps bees, either for their honey or to pollinate crops
14. paze a city	v.	to cause a person or part of the body to become unable to move or feel
15. pa stage	n.	the intermediate stage in the development of an insect between the larva and the adult
16. empty can	n.	a lightbox or container made of cardboard, typically used for packaging or storing items
17. an upe of emotion	on n.	a sudden and significant increase, a rise, or surge in something, especially in intensity or frequency
18. a legor appoint	ed by the party n.	a member of a group of people who has the power to make or enact laws
19. detect micaly	in ultrasound n.	a medical condition characterized by an abnormally small head and underdeveloped brain, typically caused by genetic factors or prenatal infections
20. cerebral hemre	n.	half of the terrestrial globe; half of a sphere
21. incumbent lego	r n.	a member of a group of people who has the power to make or enact laws
22. make a cae trip	n.	a narrow, light boat with pointy ends and no keel that is propelled by a paddle
23. tae wires	n.	a confused mass of something twisted together
24. vate against sc	arlet fever v.	to treat with a vaccine, usually by injection, to produce immunity against a disease

ANSWERS: 13. beekeeper, 14. paralyze, 15. pupa, 16. carton, 17. upsurge, 18. legislator, 19. microcephaly, 20. hemisphere, 21. legislator, 22. canoe, 23. tangle, 24. vaccinate

25. northern hem re half of the terrestrial globe; half of a n. sphere 26. fo\_\_\_\_of plan adj. designed to prevent mistakes or errors; infallible; incapable of going wrong 27. ep\_\_\_\_er magnitude the point on the earth's surface directly n. above the focus of an earthquake 28. in\_\_\_t other animal species to affect a person, an animal, or a plant ν. with a disease-causing organism 29. cr\_k caller a mechanical device that converts n. rotary motion into linear motion or vice versa; an eccentric or unpredictable person to accelerate or speed up a process or 30. ex\_\_\_\_te the decision ν. task to make it happen more quickly or efficiently; to facilitate the progress of something 31. fo of method adj. designed to prevent mistakes or errors; infallible; incapable of going wrong to tell someone about something again 32. re\_\_\_l a story ν. or differently 33. cr k handle a mechanical device that converts n. rotary motion into linear motion or vice versa; an eccentric or unpredictable person an line of latitude that separates Earth's 34. south of the eq r northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles) a narrow, light boat with pointy ends 35. ca\_\_e race n. and no keel that is propelled by a paddle

ANSWERS: 25. hemisphere, 26. foolproof, 27. epicenter, 28. infect, 29. crank, 30. expedite, 31. foolproof, 32. retell, 33. crank, 34. equator, 35. canoe

36. a ste man	adj.	free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing
37. a dramatic upk in sales	n.	a slight increase or upward trend in something, such as a stock price or a particular statistic or trend
38. irte a tumor	ν.	to expose or subject something to radiation or intense light, often for sterilization or treatment; to emit or give off rays of light or energy; to illuminate or make something clear or evident
39. y_p away for hours	ν.	to talk or chat continuously, often in an annoying or high-pitched manner; to make a lot of noise or fuss about something
40. chiya outbreak	n.	a viral infection carried by mosquitoes that causes fever and severe joint pain, often accompanied by a rash, headache, muscle pain, and fatigue
41. physical dety	n.	a physical abnormality or distortion
42. chart sule	n.	a secondary title or alternate title that is displayed below the primary title often used to provide additional information o translation for a movie or video; a text that appears at the bottom of a movie, TV show, or video to provide a written translation or transcription of the spoker dialogue in another language
43. indus worker	adj.	hardworking, diligent, and persistent in effort
ANSWERS: 36. sterile, 37. uptick, 38. irrac deformity, 42. subtitle, 43. industrious	diate	, 39. yap, 40. chikungunya, 41.

50. irradiate, 51. subtitle, 52. nuke

ANSWERS: 53. radiate, 54. dread, 55. yap, 56. dengue, 57. repellent, 58. upsurge, 59. tetracycline, 60. epicenter, 61. paralyze, 62. creditor

ANSWERS: 63. microcephaly, 64. beekeeper, 65. expedite, 66. torturous, 67. uptick, 68. deformity, 69. bipartisan, 70. misinformation, 71. tangle, 72. chikungunya

- 73. re\_\_\_\_nt properties
- 74. dr d failure
- 75. va\_\_\_\_te every year
- 76. de\_\_\_e outbreak
- 77. a tip of the b\_\_k
- 78. above the eq\_\_\_r
- 79. in t a computer with a virus
- 80. n\_e missile
- 81. mo\_\_\_\_to bite

- adj. serving to drive away or repel something; unpleasant or offensive and causing a strong sense of aversion or disgust
- v. to be very afraid of or worried about something that is going to happen or that might happen
- v. to treat with a vaccine, usually by injection, to produce immunity against a disease
- a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash
- n. the hard and pointed or curved mouse of a bird
- an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles)
- v. to affect a person, an animal, or a plant with a disease-causing organism
- v. (derived from "nuclear") to attack or destroy a place or target with a nuclear weapon; to cook food in a microwave oven; (noun) a nuclear weapon, such as a nuclear bomb or missile
- a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

ANSWERS: 73. repellent, 74. dread, 75. vaccinate, 76. dengue, 77. beak, 78. equator, 79. infect, 80. nuke, 81. mosquito

pain or suffering; marked by or involving a slow, painful, or tortuous process or experience

adj. causing extreme physical or mental

larva and the adult

ANSWERS: 82. mosquito, 83. misinformation, 84. sterile, 85. cuddle, 86. natal, 87. pupa, 88. torturous

88. to\_\_\_\_us process

# **Session 3: Fill in the Blanks**

1.	He was known to be very and would often work late into the night.
ad	j. hardworking, diligent, and persistent in effort
2.	This suit is made of material.
n.	a small line or fold in something, especially fabric or the skin of the face; a minor difficulty
3.	The nurse the children in the school.
ν.	to treat with a vaccine, usually by injection, to produce immunity against a disease
4.	The Zika virus has been linked to cases of a congenital disability characterized by an abnormally small head.
n.	a medical condition characterized by an abnormally small head and underdeveloped brain, typically caused by genetic factors or prenatal infections
5.	The country saw an in tourism after the new airport was built.
n.	a sudden and significant increase, a rise, or surge in something, especially in intensity or frequency
6.	The fishing reel had a that made it easy to reel in the catch.
n.	a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
7.	My neighbor is a professional who sells honey at the local farmers' market.
n.	a person who keeps bees, either for their honey or to pollinate crops
	ISWERS: 1. industrious, 2. wrinkle-proof, 3. vaccinated, 4. microcephaly, 5. surge, 6. crank, 7. beekeeper

8. n.	I need a of milk from the grocery store.  a lightbox or container made of cardboard, typically used for packaging or storing items
9. v.	We need to the process if we want to meet our deadline.  to accelerate or speed up a process or task to make it happen more quickly or efficiently; to facilitate the progress of something
10. n.	This weather pattern is unique to the southern half of the terrestrial globe; half of a sphere
11. v.	We all to think about what will happen if the company goes bankrupt.  to be very afraid of or worried about something that is going to happen or that might happen
12. <i>n</i> .	Ecuador is on the  an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles)
	The hike through the dense jungle tested our endurance.  causing extreme physical or mental pain or suffering; marked by or involving a slow, painful, or tortuous process or experience
14. n.	After the accident, the police found an empty  a narrow, light boat with pointy ends and no keel that is propelled by a paddle
15. v.	He the truth to plead not guilty.  to tell someone about something again or differently
	SWERS: 8. carton, 9. expedite, 10. hemisphere, 11. dread, 12. equator, 13. urous, 14. canoe, 15. retells

tangled, 22. subtitles

ab-Builder	Ref from "Nina Fedoroff: A secret weapon against Zika and other mosquito-borne diseases   TED Talk" (44 words
39. The	e in the steel beam caused the bridge to collapse.
n. a	physical abnormality or distortion
40. Thi	s recipe is and easy to follow, even for inexperienced cooks.
adj. de	esigned to prevent mistakes or errors; infallible; incapable of going wrong
41. I as	sked the lawyer to initiate negotiations for voluntary liquidation.
n. a	person, company, etc. to whom a debtor owes money
42. The	e legislation was passed with support from both parties.
adj. in	volving or supported by both of the main political parties in a country
43. The	e mother-to-be attended classes to prepare for the birth of her first d.
-	elating to birth or the place of one's birth; connected with the beginning or rigin of something
14. A s	tagnant water area are breeding ground for
	small flying insect whose female bites people and animals and sucks their ood, and sometimes transmits serious diseases such as malaria
ANSWI mosqui	ERS: 39. deformity, 40. foolproof, 41. creditor, 42. bipartisan, 43. natal, 44.