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Vocabulary Builder Reference from...

Lucy King: How bees can keep the peace between elephants and humans | TED Talk https://www.ted.com/talks/lucy_king_how_bees_can_keep_the_peace_between_elephants_and_humans



Advanced Words Only

IMPORTANT

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Session 1: Word List

mammal

- 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.

disperse

v. to spread out or distribute over a broad region, or to cause something to do so

synonym: dissipate, spread, scatter

(1) **disperse** false information, (2) **disperse** the protesters Before authorities **dispersed** the protesters, they yelled slogans.

compassionate

adj. feeling or showing sympathy and concern for the suffering or bad luck of others

synonym: empathetic, sympathetic, merciful

(1) a **compassionate** heart, (2) **compassionate** leave My father has a serious and **compassionate** personality.

matriarch

 a woman who is the head of a family or social group; a woman who is the founder or dominant member of a group synonym: leader, head, founder

(1) ruled by a **matriarch**, (2) **matriarch** figure

The **matriarch** of the family was known for her wisdom and guidance.

nurture

to take care of, feed, and protect someone or something while they are growing and developing

synonym: boost, cultivate, enable

(1) nurture love, (2) nurture his talents

Schools should **nurture** children's mutual interest spirit.

tease

 to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing

synonym: bully, annoy, provoke

(1) tease the children, (2) tease wool

This ad is intended to **tease** a competing product.

verbalize

 to articulate or express verbally; to put something into words or speech; to speak out loud

synonym: articulate, express, utter

(1) verbalize thoughts, (2) verbalize emotions

Sometimes it isn't easy to **verbalize** exactly how we feel.

dialect

 a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics

synonym: accent, language, vernacular

(1) a local dialect, (2) minority dialect

The **dialect** spoken in the region differed from other parts of the country.

terrify

to frighten someone very much

synonym: unnerve, scare, horrify

(1) terrify people, (2) the threats terrify him

It would be best not to **terrify** your associates into doing

complex tasks.

bud

 a small swelling on a plant stem or twig containing an undeveloped shoot

synonym: shoot, sprout, germ

(1) pinch off a bud, (2) bud grafting

The flower was starting to show its **bud** and would soon bloom into a beautiful blossom.

zoology

n. the scientific study of animals, including their classification, habits, behavior, physiology, and evolution synonym: animal science, biology, zoography

(1) zoology book, (2) zoology professor

She's studying **zoology** at university and hopes to work at a zoo someday.

divisive

adj. tending to cause disagreement or hostility between people

synonym: polarizing, contentious, disagreeable

(1) **divisive** question, (2) suppress **divisive** arguments The proposed policy has been met with **divisive** reactions from the public.

instinctively

adv. as a matter of nature or intuition rather than thought or training

synonym: inherently, intuitively, naturally

(1) **instinctively** grabbed the knife, (2) **instinctively** bad with children

Some researchers claim that even humans can **instinctively** sense earthquakes.

coexist

 to live or exist together at the same time in the same place

synonym: cohabit, accompany, synchronize

coexist with nature, (2) coexist with diversity
 The different species can coexist in the same ecosystem by

filling different niches and using different resources.

ivory

 a hard, creamy-white substance that comes from the tusks of elephants, walruses, and some other animals and is used to make ornaments and other decorative items

synonym: elephant tusk, bone, tooth

(1) tower of ivory, (2) ivory carving

The intricate carvings on the ivory tusk were a work of art.

horrific

adj. causing horror or disgust; gruesome and terrifying synonym: terrifying, alarming, shocking

(1) **horrific** experience, (2) **horrific** condition

The accident scene was **horrific**, with bodies and debris scattered everywhere.

pachyderm

a type of large mammal with thick skin, such as an elephant, rhinoceros, or hippopotamus

synonym: elephant, rhinoceros, hippopotamus

(1) **pachyderm** species, (2) **pachyderm** habitat The African savanna is home to many magnificent **pachyderms**, including elephants and rhinos.

roam

v. to move about or travel aimlessly or without a fixed destination; to wander

synonym: wander, ramble, meander

(1) **roam** freely, (2) **roam** the countryside I love to **roam** around the city and discover new neighborhoods.

quadruple

- v. to consist of four items or people; to become four times as great or many
- (1) **quadruple** the amount, (2) **quadruple** the price of gold His stock earnings **quadrupled**.

hut

a small, simple, and often crude shelter or dwelling,
 typically made of natural materials such as wood or mud

synonym: shack, cabin, cottage

(1) shepherd's hut, (2) fishing hut

The little girl lived in a small **hut** in the woods with her family.

trample

v. to step heavily on something or someone, causing damage or injury

synonym: tread, stomp, crush

(1) **trample** down his feelings, (2) **trample** on the rights The plants in this garden are precious, so you must not **trample** them.

erode

v. to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time

synonym: wear away, deteriorate, corrode

(1) **erode** coast, (2) **erode** trust

The ongoing budget cuts have **eroded** the quality of education in many schools.

poach

v. to illegally hunt, fish, or take wildlife from private or protected land or waters without permission; to cook food by gently simmering it in a liquid, often with added spices or seasonings

synonym: steal, snatch

(1) poach on his land, (2) poach deer

The chef **poached** the eggs perfectly for the benedict breakfast dish.

hardline

adj. firm and uncompromising; very strict or severesynonym: strict, inflexible, uncompromising

(1) **hardline** candidate, (2) **hardline** approach

The **hardline** stance on immigration was met with criticism from many quarters.

migratory

adj. relating to or characterized by the movement of individuals or groups from one place to another, often for regular seasonal or environmental reasons

synonym: nomadic, wandering, roving

(1) migratory species, (2) migratory route

The **migratory** birds flew thousands of miles to reach their wintering grounds.

beehive

 a structure or container where bees live and store their honey

synonym: hive, apiary, honeycomb

(1) disturb a **beehive**, (2) get rid of a **beehive**The beekeeper checked the **beehive** for any signs of disease.

sting

v. to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick

synonym: bite, prick, poke

(1) **sting** me on the arm, (2) **sting** his face

Bees **sting** as a defense mechanism when they feel threatened.

centimeter

- a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
- (1) **centimeter** measurement, (2) thirty **centimeters** tall The room was only one **centimeter** wider than the piano, making it a tight fit.

watery

adj. full of or containing water; wet

synonym: liquid, wet, damp

(1) a watery fluid, (2) go to a watery grave

The soup was too **watery** and needed more flavor.

phenomenal

adj. extremely good or impressive; outstanding *synonym*: extraordinary, remarkable, impressive

(1) phenomenal success, (2) phenomenal growth

The athlete's **phenomenal** performance broke all previous

records.

pheromone

 a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species

synonym: scent, odor, aroma

(1) **pheromone** trail, (2) sexual **pheromone**

The perfume industry often uses synthetic **pheromones** to enhance their products' appeal.

beestings

n. (also known as "colostrum") the first milk produced by a cow after giving birth, which is high in fat and protein; (plural form of "beesting") the sting or injury caused by a bee

synonym: colostrum, first milk, foremilk

(1) a severe allergy to **beestings**, (2) fresh **beestings**Farmers often reserve **beestings** for the newborn calf, as it contains important nutrients and antibodies.

disturb

- v. to interrupt someone who is trying to work, sleep, etc. synonym: agitate, bother, intrude
- (1) **disturb** the peace, (2) **disturb** his sleep

 Tourists frequently **disturb** the island's delicate natural balance.

flick

 to make a sudden sharp movement or hit something quickly with a sharp movement

synonym: snap, tap, flip

(1) flicker candle, (2) flick through pages

He **flicked** the light switch, and the room was illuminated.

savannah

- a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
- synonym: grassland, plain
- (1) savannah region, (2) tropical savannah

The birds live in tropical forests, **savannahs**, and arid semi-desert environments.

infrasonic

adj. relating to sound waves below the range of human hearing, typically below 20 Hz

synonym: inaudible, subsonic

(1) **infrasonic** sensor, (2) **infrasonic** electronic waves **Infrasonic** waves can be used for communication, such as in long-range submarines.

rumble

- v. to make a low, heavy continuous sound synonym: roar, growl, grumble
- (1) **rumble** an order, (2) **rumble** down the dirt track The thunder **rumbled** in the distance.

frontline

adj. in the most critical or dangerous position; in the military line or part of an army closest to the enemy

synonym: battlefront, cutting edge

(1) **frontline** health workers, (2) at the **frontline** of the war Within days, the new aircraft was in **frontline** service.

hive

 a structure for the reception and habitation of bees, either built by people or made by the bees themselves; a place swarming people

synonym: apiary, swarm, pack

honeybees in hives, (2) a hive of activity
 Bees were buzzing around the hive

farmland

- n. land used for farming or agricultural purposessynonym: agriculture, cropland
- farmland acreage, (2) fertile farmland
 The government is encouraging farmers to expand their farmland to increase food production.

plywood

 a strong, flexible, and lightweight engineered wood made of thin layers of wood veneer that have been glued together at alternating, perpendicular angles

synonym: panel board, veneer panel, plyboard

(1) flexible **plywood**, (2) **plywood** furniture

Manufacturing companies use large sheets of **plywood** to make furniture and fixtures.

interconnect

to connect similar things

synonym: interlink, complect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

swarm

 a group of many things, such as insects, fishes, etc., in the air or water or on the ground

synonym: horde, hive, throng

(1) a **swarm** of mosquitoes, (2) locust **swarm**

A **swarm** of angry bees attacked because we had approached the hive.

pollinate

to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others

synonym: fertilize, propagate

(1) **pollinate** plants, (2) **pollinate** fruit trees

Without bees to **pollinate** the flowers, many crops would not exist.

pollination

n. the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds

synonym: flowering, fertilization, cross-fertilization

(1) **pollination** by insect, (2) the cross-**pollination** of the arts

The **pollination** process is crucial for the growth and reproduction of many plants.

pollinator

an animal or insect, such as bees, butterflies, birds, etc.,
 that carries pollen from a male part of a flower to a

female part of a flower, fertilizing it and allowing it to produce seeds

synonym: fertilizer, pollenizer, pollen carrier

(1) pollinator species, (2) beneficial pollinator

Bees are important **pollinators** for many crops and plants.

livelihood

n. a means of earning money people need to pay for food, a place to live, clothing, etc.

synonym: occupation, living, income

(1) a means of **livelihood**, (2) **livelihood** assistance I could no longer earn my own **livelihood**.

priceless

adj. extremely valuable or important

synonym: invaluable, incalculable, precious

(1) **priceless** work of art, (2) **priceless** opportunity Investigators discovered **priceless** documents throughout the house.

toolbox

 a container or storage unit for tools, typically characterized by a handle and one or more compartments for organizing and storing various tools and equipment

synonym: tool chest, tool kit, tool bag

(1) design toolbox, (2) toolbox storage

You should always keep a basic **toolbox** in your car in case of an emergency.

chili

n. a small hot-tasting fruit of a type of pepper plant used in sauces, relishes, and spice powders; a spicy stew made from ground beef and beans, typically seasoned with chili peppers

synonym: capsicum, pepper

(1) chili sauce, (2) red chili powder

I love making a big pot of **chili** on a cold winter day.

sunflower

 a plant with large, round flower heads that have bright yellow petals and a dark center, grown for its edible seeds and oil, as well as for decorative purposes *synonym*: helianthus

(1) sunflower oil, (2) sunflower field

The **sunflower** seeds can be roasted and eaten as a snack.

jut

v. to extend out, up, or forward prominently or abruptly; to stick out or protrude

synonym: protrude, stick out, extend

(1) jut far out into the lake, (2) jut his chin out

The rocky cliff **jutted** out of the ground, making climbing difficult.

weave

v. to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

synonym: braid, unite, contrive

(1) weave on a loom, (2) weave a story

The girl weaves a garland for her friend.

beekeeper

n. 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.

weaver

- n. the craftsman whose job is weaving cloth
- (1) the textile **weavers**, (2) tapestry **weavers**

The **weaver** fringed the scarf.

balm

 a soothing substance or treatment used to alleviate pain or discomfort often applied to the skin; a comforting influence or alleviation for grief or distress

synonym: ointment, salve, lotion

(1) healing **balm**, (2) soothing **balm**

Aloe vera is a natural **balm** often used to treat burns and

rashes.

empathy

n. the ability to share another person's feelings or experiences by imagining that person's situation synonym: compassion, sympathy, tenderness
(1) full of empathy, (2) empathy for patients
Empathy is also necessary to understand history.

Session 2: Spelling

1. nu____e love

2. shepherd's h_t

3. minority di t

4. soothing b__m

5. co t with nature

6. sa___ah region

7. po te fruit trees

- v. to take care of, feed, and protect someone or something while they are growing and developing
- a small, simple, and often crude shelter or dwelling, typically made of natural materials such as wood or mud
- a form of a language that is spoken in a particular geographical area or by a particular group of people and has distinguishing characteristics
- a soothing substance or treatment used to alleviate pain or discomfort often applied to the skin; a comforting influence or alleviation for grief or distress
- v. to live or exist together at the same time in the same place
- a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
- v. to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others

ANSWERS: 1. nurture, 2. hut, 3. dialect, 4. balm, 5. coexist, 6. savannah, 7. pollinate

ANSWERS: 8. chili, 9. pheromone, 10. plywood, 11. beestings, 12. bud, 13. tease, 14. frontline

ANSWERS: 15. hut, 16. toolbox, 17. quadruple, 18. ivory, 19. pachyderm, 20. infrasonic, 21. coexist, 22. ivory, 23. sunflower

purposes

24. livod assistance	n.	a means of earning money people need to pay for food, a place to live, clothing, etc.
25. qule the price of gold	ν.	to consist of four items or people; to become four times as great or many
26. local beer	n.	a person who keeps bees, either for their honey or to pollinate crops
27. a sort of maI	n.	any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
28. cener measurement	n.	a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
29. a swm of mosquitoes	n.	a group of many things, such as insects, fishes, etc., in the air or water or on the ground
30. j_t far out into the lake	ν.	to extend out, up, or forward prominently or abruptly; to stick out or protrude
31. ruled by a mach	n.	a woman who is the head of a family or social group; a woman who is the founder or dominant member of a group
32. the cross-polon of the arts	n.	the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds
33. full of emy	n.	the ability to share another person's feelings or experiences by imagining that person's situation

ANSWERS: 24. livelihood, 25. quadruple, 26. beekeeper, 27. mammal, 28. centimeter, 29. swarm, 30. jut, 31. matriarch, 32. pollination, 33. empathy

39. phe____al growth
40. fl_ker candle
adj. extremely good or impressive; outstanding
v. to make a sudden sharp move

 to make a sudden sharp movement or hit something quickly with a sharp movement

n. a plant with large, round flower heads that have bright yellow petals and a dark center, grown for its edible seeds and oil, as well as for decorative purposes

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

v. to illegally hunt, fish, or take wildlife from private or protected land or waters without permission; to cook food by gently simmering it in a liquid, often with added spices or seasonings

v. to move about or travel aimlessly or without a fixed destination; to wander

44. r_m the countryside

41. su er field

42. be____er hat

43. po h on his land

ANSWERS: 34. rumble, 35. verbalize, 36. infrasonic, 37. weaver, 38. hardline, 39. phenomenal, 40. flick, 41. sunflower, 42. beekeeper, 43. poach, 44. roam

ANSWERS: 45. interconnect, 46. pollinator, 47. poach, 48. hardline, 49. nurture, 50. pollination, 51. horrific, 52. farmland, 53. beestings

injury caused by a bee

ANSWERS: 54. priceless, 55. trample, 56. weaver, 57. instinctively, 58. pheromone, 59. divisive, 60. toolbox, 61. instinctively, 62. pollinator, 63. erode

ANSWERS: 64. disturb, 65. disperse, 66. divisive, 67. flick, 68. disperse, 69. zoology, 70. beehive, 71. frontline, 72. farmland, 73. erode, 74. weave

ANSWERS: 75. weave, 76. savannah, 77. migratory, 78. hive, 79. pollinate, 80. pachyderm, 81. hive, 82. zoology

ANSWERS: 83. phenomenal, 84. interconnect, 85. compassionate, 86. compassionate, 87. bud, 88. horrific, 89. beehive, 90. sting, 91. jut, 92. priceless, 93. terrify, 94. sting

injury with a poison, venom, or other substance or by a physical action such

as a bite or prick

any animal of which the female gives n. birth to live young, not eggs, and feeds

her young on milk from her own body

to step heavily on something or someone, causing damage or injury

a group of many things, such as n. insects, fishes, etc., in the air or water or on the ground

ANSWERS: 95. tease, 96. centimeter, 97. verbalize, 98. empathy, 99. matriarch, 100. watery, 101. livelihood, 102. mammal, 103. trample, 104. swarm

102. a primitive ma___l

104. locust sw m

103. tr e down his feelings

ANSWERS: 105. plywood, 106. rumble, 107. watery, 108. balm, 109. terrify, 110. disturb, 111. dialect, 112. chili, 113. roam, 114. migratory

ocab-Builder Ref from	"Lucy King: How bees	s can keep the peace	e between elephants	and humans TEC	Talk" (57 words
ANSWERS:					

Session 3: Fill in the Blanks

1.	Within days, the new aircraft was in service.
adj.	in the most critical or dangerous position; in the military line or part of an army closest to the enemy
2.	The birds flew thousands of miles to reach their wintering grounds.
adj.	relating to or characterized by the movement of individuals or groups from one place to another, often for regular seasonal or environmental reasons
3.	A of angry bees attacked because we had approached the hive.
n.	a group of many things, such as insects, fishes, etc., in the air or water or on the ground
4.	The intricate carvings on the tusk were a work of art.
n.	a hard, creamy-white substance that comes from the tusks of elephants, walruses, and some other animals and is used to make ornaments and other decorative items
5.	This ad is intended to a competing product.
<i>v</i> .	to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing
	Some researchers claim that even humans can sense earthquakes.
adv	as a matter of nature or intuition rather than thought or training
7.	Bees were buzzing around the
n.	a structure for the reception and habitation of bees, either built by people or made by the bees themselves; a place swarming people
ANS hive	SWERS: 1. frontline, 2. migratory, 3. swarm, 4. ivory, 5. tease, 6. instinctively, 7.

8.	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
9.	Farmers often reserve for the newborn calf, as it contains important nutrients and antibodies.
n.	(also known as "colostrum") the first milk produced by a cow after giving birth, which is high in fat and protein; (plural form of "beesting") the sting or injury caused by a bee
10.	The process is crucial for the growth and reproduction of many plants.
n.	the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds
11.	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
12.	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
13.	The thunder in the distance.
v.	to make a low, heavy continuous sound
14.	The flower was starting to show its and would soon bloom into a beautiful blossom.
n.	a small swelling on a plant stem or twig containing an undeveloped shoot
	SWERS: 8. beekeeper, 9. beestings, 10. pollination, 11. mammal, 12. coexist, 13. nbled, 14. bud

47. The	e athlete's performance broke all previous records.
adj. ex	xtremely good or impressive; outstanding
40. 14	
	father has a serious and personality.
adj. fe	eling or showing sympathy and concern for the suffering or bad luck of others
49. He	the light switch, and the room was illuminated.
	make a sudden sharp movement or hit something quickly with a sharp novement
50. The	e girl a garland for her friend.
	make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread rough two sets of long threads at a right angle to them
51. The	e room was only one wider than the piano, making it a tight fit.
	unit of measurement of length in the metric system, equivalent to ne-hundredth of a meter
	e birds live in tropical forests, and arid semi-desert vironments.
	mixed forest and grassland ecosystem where the trees are far enough apart at the canopy doesn't close
	e government is encouraging farmers to expand their to increase d production.
n. la	nd used for farming or agricultural purposes
54. You	u should always keep a basic in your car in case of an emergency.
	container or storage unit for tools, typically characterized by a handle and one more compartments for organizing and storing various tools and equipment
	ERS: 47. phenomenal, 48. compassionate, 49. flicked, 50. weaves, 51. eter, 52. savannahs, 53. farmland, 54. toolbox

55 waves can be used for communication, such as in long-range submarines.
adj. relating to sound waves below the range of human hearing, typically below 20Hz
56. The fringed the scarf. n. the craftsman whose job is weaving cloth
57. The soup was too and needed more flavor. adj. full of or containing water; wet
ANSWERS: 55. Infrasonic, 56. weaver, 57. watery