# **Englist.me**

# Vocabulary Builder Reference from...

Kristiina J. Hurme and Alejandro Rico-Guevara: The surprising secrets of hummingbird flight | TED Talk https://www.ted.com/talks/kristiina\_j\_hurme\_and\_alej andro\_rico\_guevara\_the\_surprising\_secrets\_of\_hum mingbird\_flight



## **Advanced Words Only**

#### **IMPORTANT**

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## **Session 1: Word List**

#### hummingbird

- a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction
- (1) **hummingbird** feeder, (2) **hummingbird** nest Watching a **hummingbird** at a flower is like observing a miniature ballet of nature.

#### astonishing

- adj. surprising or shocking; difficult to believesynonym: surprising, shocking, astounding
- (1) **astonishing** achievement, (2) make **astonishing** gains The news of her sudden death was **astonishing** to everyone who knew her.

#### acrobatic

 adj. relating to or involving gymnastic or athletic feats performed with agility, balance, and coordination; agile, flexible, and graceful

synonym: nimble, agile, flexible

(1) acrobatic leaps, (2) acrobatic skills

The **acrobatic** performance was breathtaking and left the audience in awe.

#### midair

- n. some point in the air; above ground level
- (1) a **midair** collision, (2) thrown out into **midair** She flawlessly performed a **midair** somersault.

#### pollinate

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

synonym: fertilize, propagate

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

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

#### unpack

 to open and remove stored items from a container or package; to analyze or examine something in detail, often to clarify or understand it better

synonym: dissect, unwrap, unbox

(1) unpack a crate, (2) unpack a concept

I need to **unpack** my suitcase and put my clothes away.

## blazing

 adj. burning and emitting intense heat and light; powerful and impressive

synonym: burning, fiery, scorching

(1) blazing fury, (2) blazing fire

The blazing sun beat down on the desert.

## humming

adj. producing a continuous, low, vibrating sound like that of the bee

synonym: buzzing, droning, vibrating

(1) humming sound, (2) humming bird

The **humming** of the bees filled the air as she walked through the garden.

#### pectoral

adj. relating to or located in the chest area, particularly the muscles or organs of the chest; relating to the breast or chest

synonym: chest, breastplate

(1) pectoral cross, (2) pectoral fins

The athlete wore a **pectoral** muscle brace to protect his injured chest muscle.

#### wingbeat

 the motion or rhythm of a bird's wings while in flight, often used to describe the sound or frequency of the wing flaps

synonym: flap, flutter, oscillation

(1) bird wingbeat, (2) wingbeat frequency

The hummingbird's rapid **wingbeat** allows it to hover in place while collecting nectar from flowers.

#### hover

v. to stay in one place in the air

synonym: hang, float over, drift

(1) **hover** between life and death, (2) **hover** around the table

Two birds were **hovering** overhead.

#### vertebrate

adj. relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish

synonym: animal, chordate, backboned

(1) the muscle tissue of a **vertebrate**, (2) **vertebrate** biology The presence of a backbone is a defining characteristic of **vertebrate** animals.

#### perch

v. to sit, stand, or rest on something, particularly a narrow or elevated surface; to position oneself confidently or dominantly; to place something in a high or elevated position; (noun) a branch or other elevated place where a bird can rest or roost

synonym: sit, roost, squat

(1) **perch** on a ledge, (2) **perch** of a bird of prey

The bird **perched** on the branch, watching the world below.

#### slender

adj. thin and delicate, often in an attractive way

synonym: lanky, skinny, slim

(1) **slender** body, (2) a long **slender** leaf He has a **slender** income.

#### nectar

 a sweet liquid produced by flowers that attracts and provides food for bees and other insects; any sweet liquid that is enjoyed as a drink or used as a flavoring

synonym: honey, ambrosia, syrup

(1) **nectar** of the gods, (2) fruit **nectar** 

The **nectar** of the flowers attracted many bees to the garden.

#### sugary

adj. having the taste, texture, or appearance of sugar;
excessively sweet or cloying; overly sentimental or flattering in a way that seems insincere

synonym: sweet, syrupy, saccharine

(1) sugary treat, (2) excessively sugary

I avoid eating sugary foods to maintain a healthy diet.

#### pollen

 a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination

synonym: dust, spores, allergen

(1) **pollen** allergy symptoms, (2) high **pollen** count My allergies flare up during **pollen** season, making it difficult to breathe.

#### ruthlessly

adv. without compassion or pity; mercilessly

synonym: mercilessly, brutally, cruelly

(1) ruthlessly efficient, (2) judge ruthlessly

He ruthlessly cut ties with anyone who crossed him.

#### spear

 a weapon with a long shaft and a sharp metal point used for battle, hunting, and fishing in the past

synonym: javelin, pike, lance

hunting spear, (2) sharp-pointed spear
Ancient people made spears with wood entirely.

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duel

formal, one-on-one combat between two people,
typically with deadly weapons, often as a means of settling a dispute or seeking revenge

synonym: contest, fight, competition

(1) sword duel, (2) duel for honor

The **duel** between the two rival knights was a spectacle to see.

stab

v. to cause harm with a sharp, pointed object, such as a knife

synonym: poke, thrust, jab

(1) **stab** at the enemy with a knife, (2) **stab** in the chest He was **stabbed** many times with scissors.

pluck

 to pull or draw something, especially with sudden force or effort; to strip of feathers

synonym: grab, pull out, pick

(1) **pluck** a gray hair, (2) **pluck** out weeds She **plucked** the flowers off the bush.

spiny

adj. covered with spines, thorns, or prickly projections;
having an abrasive or irritating manner or causing discomfort or annoyance

synonym: thorny, prickly, bristly

(1) spiny shrub, (2) spiny lobster

The **spiny** cactus plant was difficult to handle without getting pricked.

serrated

adj. having a saw-toothed or notched edge; of or relating to leaves, knives, or other objects with jagged edges

synonym: jagged, toothed, notched

(1) serrated leaves, (2) serrated knife

The saw had a **serrated** edge that allowed it to cut through the thick branches with ease.

fencing

 the art or practice of fighting with swords, especially with foils, épées, or sabers, according to certain rules synonym: swordplay, duelling, sabreplay

(1) **fencing** equipment, (2) **fencing** club

He practiced his **fencing** techniques with a partner.

hawk

 a bird of prey typically having short rounded wings and a long tail; an advocate of an aggressive policy on foreign relations

synonym: militarist, jingo, aggressor

(1) cast off a hawk, (2) congressional hawk

That team signed a center forward who was a ball- hawk.

owl

 a nocturnal bird of prey with large eyes, a facial disc, and typically a loud hooting call

synonym: raptor, bird of prey, nocturnal bird

(1) a night **owl**, (2) an **owl** hooted

The snowy **owl** is a large, white bird often seen in the Arctic.

#### hibernation

 a state of inactivity and metabolic depression in animals during the winter

*synonym*: dormancy, torpor, sleep

(1) **hibernation** period, (2) artificial **hibernation**Many animals go into **hibernation** during the winter to conserve energy and survive the harsh conditions.

torpor

 a state of reduced activity or a slowed metabolism, often occurring in hibernating animals or as a result of extreme stress or fatigue

synonym: dormancy, inactivity, sluggishness

(1) torpor period, (2) economic torpor

The cold weather had put the bear into a state of torpor.

revered

v. highly respected or admired, often because of moral or spiritual qualities

synonym: respected, admired, honored

(1) **revered** figure, (2) the most **revered** President The **revered** teacher was loved by her students.

# **Session 2: Spelling**

1.	excessively suy	adj.	having the taste, texture, or appearance of sugar; excessively sweet or cloying; overly sentimental or flattering in a way that seems insincere
2.	the muscle tissue of a verte	adj.	relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
3.	seed knife	adj.	having a saw-toothed or notched edge; of or relating to leaves, knives, or other objects with jagged edges
4.	a long slr leaf	adj.	thin and delicate, often in an attractive way
5.	bird wiat	n.	the motion or rhythm of a bird's wings while in flight, often used to describe the sound or frequency of the wing flaps
6.	humrd nest	n.	a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction
7.	make astng gains	adj.	surprising or shocking; difficult to believe
8.	unk a crate	ν.	to open and remove stored items from a container or package; to analyze or examine something in detail, often to clarify or understand it better
9.	peal fins	adj.	relating to or located in the chest area, particularly the muscles or organs of the chest; relating to the breast or chest

ANSWERS: 1. sugary, 2. vertebrate, 3. serrated, 4. slender, 5. wingbeat, 6. hummingbird, 7. astonishing, 8. unpack, 9. pectoral

ANSWERS: 10. nectar, 11. torpor, 12. hover, 13. acrobatic, 14. torpor, 15. ruthlessly, 16. unpack, 17. blazing, 18. fencing, 19. spiny

- 20. rut\_\_\_\_ly efficient21. re\_\_\_\_d figure
- 22. sp\_\_y shrub
- 23. a mi\_\_\_r collision
- 24. sl\_\_\_\_r body
- 25. the most re\_\_\_\_d President
- 26. se\_\_\_ed leaves
- 27. ho r between life and death
- 28. bl\_\_\_\_g fury
- 29. s\_b in the chest
- 30. hunting sp\_\_r
- 31. pl\_\_k a gray hair
- 32. fe\_\_\_g equipment

- adv. without compassion or pity; mercilessly
- v. highly respected or admired, often because of moral or spiritual qualities
- adj. covered with spines, thorns, or prickly projections; having an abrasive or irritating manner or causing discomfort or annoyance
- n. some point in the air; above ground level
- adj. thin and delicate, often in an attractive way
- v. highly respected or admired, often because of moral or spiritual qualities
- adj. having a saw-toothed or notched edge; of or relating to leaves, knives, or other objects with jagged edges
- v. to stay in one place in the air
- adj. burning and emitting intense heat and light; powerful and impressive
- v. to cause harm with a sharp, pointed object, such as a knife
- a weapon with a long shaft and a sharp metal point used for battle, hunting, and fishing in the past
- v. to pull or draw something, especially with sudden force or effort; to strip of feathers
- the art or practice of fighting with swords, especially with foils, épées, or sabers, according to certain rules

ANSWERS: 20. ruthlessly, 21. revered, 22. spiny, 23. midair, 24. slender, 25. revered, 26. serrated, 27. hover, 28. blazing, 29. stab, 30. spear, 31. pluck, 32. fencing

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spear, 39. owl, 40. perch

ANSWERS: 41. humming, 42. pollen, 43. hawk, 44. vertebrate, 45. acrobatic, 46. owl, 47. humming, 48. duel, 49. hawk

50.	suy treat	adj.	having the taste, texture, or appearance of sugar; excessively sweet or cloying; overly sentimental or flattering in a way that seems insincere
51.	artificial hibon	n.	a state of inactivity and metabolic depression in animals during the winter
52.	hibon period	n.	a state of inactivity and metabolic depression in animals during the winter
53.	pon allergy symptoms	n.	a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination
54.	dI for honor	n.	formal, one-on-one combat between two people, typically with deadly weapons, often as a means of settling a dispute or seeking revenge
55.	wiat frequency	n.	the motion or rhythm of a bird's wings while in flight, often used to describe the sound or frequency of the wing flaps
56.	s_b at the enemy with a knife	v.	to cause harm with a sharp, pointed object, such as a knife
57.	peal cross	adj.	relating to or located in the chest area, particularly the muscles or organs of the chest; relating to the breast or chest
58.	pote fruit trees	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

ANSWERS: 50. sugary, 51. hibernation, 52. hibernation, 53. pollen, 54. duel, 55. wingbeat, 56. stab, 57. pectoral, 58. pollinate

others

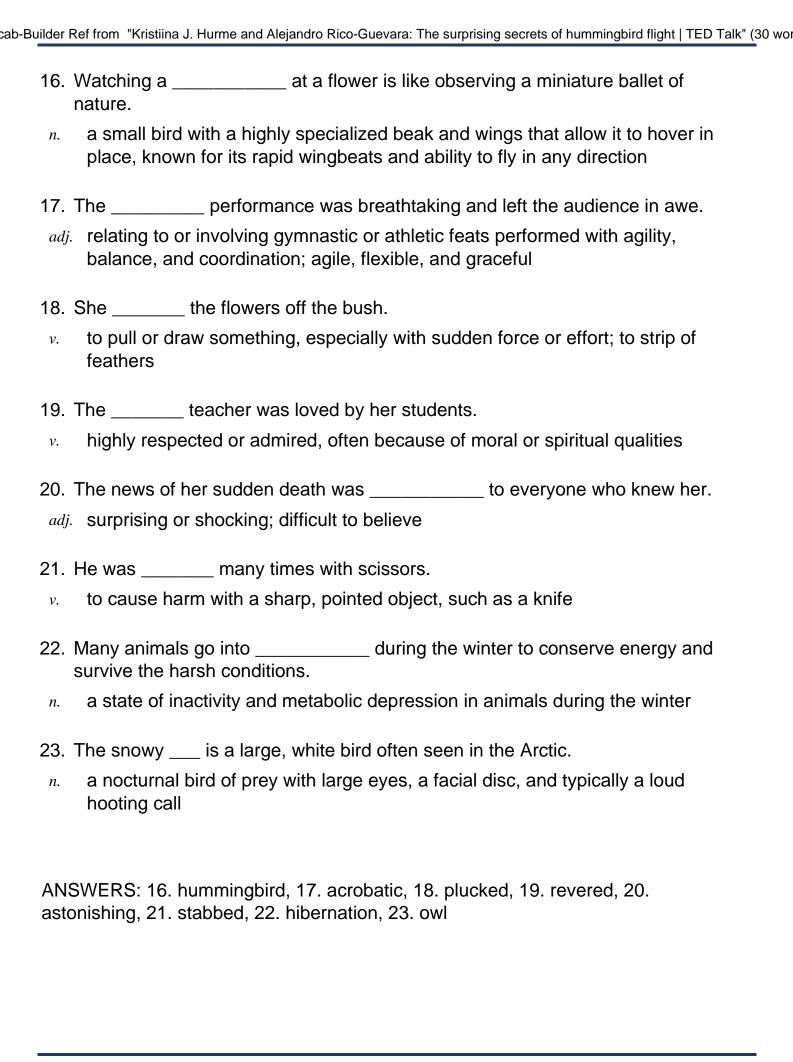
- 59. ne\_\_\_r of the gods
- 60. pe\_\_h on a ledge

- n. a sweet liquid produced by flowers that attracts and provides food for bees and other insects; any sweet liquid that is enjoyed as a drink or used as a flavoring
- v. to sit, stand, or rest on something, particularly a narrow or elevated surface; to position oneself confidently or dominantly; to place something in a high or elevated position; (noun) a branch or other elevated place where a bird can rest or roost

ANSWERS: 59. nectar, 60. perch

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

1.	The cactus plant was difficult to handle without getting pricked.
adj.	covered with spines, thorns, or prickly projections; having an abrasive or irritating manner or causing discomfort or annoyance
2.	The cold weather had put the bear into a state of
n.	a state of reduced activity or a slowed metabolism, often occurring in hibernating animals or as a result of extreme stress or fatigue
3.	I need to my suitcase and put my clothes away.
v.	to open and remove stored items from a container or package; to analyze or examine something in detail, often to clarify or understand it better
4.	The of the bees filled the air as she walked through the garden.
adj.	producing a continuous, low, vibrating sound like that of the bee
5.	The bird on the branch, watching the world below.
<i>v</i> .	to sit, stand, or rest on something, particularly a narrow or elevated surface; to position oneself confidently or dominantly; to place something in a high or elevated position; (noun) a branch or other elevated place where a bird can rest or roost
6.	My allergies flare up during season, making it difficult to breathe.
n.	a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination
7.	He cut ties with anyone who crossed him.
adv.	without compassion or pity; mercilessly
	SWERS: 1. spiny, 2. torpor, 3. unpack, 4. humming, 5. perched, 6. pollen, 7. lessly



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