

# Englist.me



## Vocabulary Builder Reference from...

*Anand Varma: The first 21 days of a bee's life | TED Talk*

[https://www.ted.com/talks/anand\\_varma\\_the\\_first\\_21\\_days\\_of\\_a\\_bee\\_s\\_life](https://www.ted.com/talks/anand_varma_the_first_21_days_of_a_bee_s_life)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### 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.

### furry

*adj.* covered in fur or a furry material; resembling fur

*synonym* : hairy, fuzzy, feathered

(1) the **furry** skin, (2) have **furry** leaves

The stuffed animal was so **furry** and soft that it was hard to resist hugging it.

### brood

v. to think much and deeply about something that makes one annoyed, anxious, or angry; (noun) a group of young birds or other animals all produced at one hatching or birth

*synonym* : offspring, hatch, family

(1) **brood** about the defeat, (2) a **brood** of chickens

The terrible result **brooded** over her all day long.

## parasitic

*adj.* living off another organism to the detriment of the host  
*synonym* : symbiotic, dependent, exploitative

(1) **parasitic** relationship, (2) brood- **parasitic** bird

The **parasitic** plant was able to survive by stealing nutrients from its host.

## hive

*n.* 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

(1) honeybees in **hives**, (2) a **hive** of activity

Bees were buzzing around the **hive**

## condense

*v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated

*synonym* : compress, compact, shorten

(1) **condense** the text, (2) **condense** water vapor

I need to **condense** all of my notes into a manageable summary for my presentation.

## hatch

*v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage

*synonym* : incubate, breed, produce

(1) **hatch** a plan, (2) **hatch** a baby chick

The eggs began to **hatch**, and the small chicks emerged.

## 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.

## pupa

*n.* 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.

## pup

*n.* a young dog, seal, or other animals

*synonym* : puppy, whelp, cub

(1) **pup** company, (2) playful **pup**

The little **pup** was so cute, with big, floppy ears and a wagging tail.

## reorganize

*v.* to change to a more sufficient or suitable form of organization

*synonym* : rearrange, reconstruct, reshuffle

(1) **reorganize** a department, (2) **reorganize** his debts

The new CEO was appointed to **reorganize** their business.

## shrivel

*v.* to dry up and shrink or wither due to lack of moisture or nourishment; to become smaller or less significant over time

*synonym* : wilt, shrink, dry up

(1) **shrivel** up due to drought, (2) **shrivel** in the sun

The grapes **shriveled** in the heat, making them inedible.

## sprout

*v.* to grow or develop new parts typically leaves or shoots, from a plant; to emerge, develop, or arise gradually or suddenly

*synonym* : germinate, grow, bud

(1) **sprout** seeds, (2) **sprout** wings

The flowers in the garden began to **sprout** after the first rain of the season.

## 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.

## baton

*n.* a thin stick or rod used as a conductor's wand, a symbol of authority, or a tool for specific sports or activities; a short, straight, light stick that is passed from runner to runner in a relay race

*synonym* : staff, stick, wand

(1) conducting **baton**, (2) twirl the **baton**

The police officer used his **baton** to disperse the crowd.

## mite

*n.* a tiny arachnid-like creature that is related to ticks and spiders and often lives as a parasite on plants or animals

*synonym* : speck, insect

(1) house dust **mite**, (2) a **mite** of evidence

The **mite** infestation in the old house was a serious problem for the residents.

## sedate

*adj.* calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity

*synonym* : calm, composed, tranquil

(1) **sedate** atmosphere, (2) **sedate** patient

The **sedate** environment of the library was perfect for studying.

## inseminate

*v.* to introduce semen into a female reproductive tract to fertilize an egg; to introduce a substance or idea into something

*synonym* : impregnate, fertilize, inject

(1) **inseminate** cattle, (2) **inseminate** a study with new data

The farmer hired a specialist to artificially **inseminate** his livestock, ensuring healthy and diverse offspring.

## trade-off

*n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a

compromise

*synonym* : compromise, balance, exchange

(1) **trade-off** problem, (2) environmental **trade-off**

There was a **trade-off** between speed and accuracy in the task.

**trait**

*n.* a particular feature of your nature

*synonym* : attribute, feature, quality

(1) chemical **trait**, (2) personality **traits**

Multiple genes may influence behavioral **traits** concurrently.

**beehive**

*n.* 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.

**domesticate**

*v.* to take control of animals or plants to provide food, power, or company

*synonym* : tame, naturalize, cultivate

(1) easy to **domesticate**, (2) **domesticate** the plant

We **domesticate** cows to gain milk and meat.

**pollinator**

*n.* 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.

**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.

## **stressor**

*n.* something that causes stress or emotional tension  
*synonym*: pressure, strain, burden

(1) **stressor** event, (2) **stressor** management

The deadline for the project was a major **stressor** for the team.

## Session 2: Spelling

1. ha\_\_h a baby chick  
*v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage
2. co\_\_\_\_\_se water vapor  
*v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated
3. emerge from a p\_\_a  
*n.* the intermediate stage in the development of an insect between the larva and the adult
4. personality tr\_\_ts  
*n.* a particular feature of your nature
5. ha\_\_h a plan  
*v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage
6. local be\_\_\_\_\_er  
*n.* a person who keeps bees, either for their honey or to pollinate crops
7. the cross-pol\_\_\_\_\_on 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
8. easy to dom\_\_\_\_\_te  
*v.* to take control of animals or plants to provide food, power, or company
9. se\_\_\_e patient  
*adj.* calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity

ANSWERS: 1. hatch, 2. condense, 3. pupa, 4. trait, 5. hatch, 6. beekeeper, 7. pollination, 8. domesticate, 9. sedate

- |                                      |   |
|--------------------------------------|---|
| 10. playful p_p                      | <i>n.</i> a young dog, seal, or other animals   |
| 11. house dust m__e                  | <i>n.</i> a tiny arachnid-like creature that is related to ticks and spiders and often lives as a parasite on plants or animals   |
| 12. p_p company                      | <i>n.</i> a young dog, seal, or other animals   |
| 13. honeybees in h__es               | <i>n.</i> a structure for the reception and habitation of bees, either built by people or made by the bees themselves; a place swarming people  |
| 14. sp___t seeds                     | <i>v.</i> to grow or develop new parts typically leaves or shoots, from a plant; to emerge, develop, or arise gradually or suddenly   |
| 15. 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  |
| 16. tr_____ff problem                | <i>n.</i> a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise   |
| 17. chemical tr__t                   | <i>n.</i> a particular feature of your nature   |
| 18. get rid of a be_____e            | <i>n.</i> a structure or container where bees live and store their honey  |
| 19. ins_____te a study with new data | <i>v.</i> to introduce semen into a female reproductive tract to fertilize an egg; to introduce a substance or idea into something  |
| 20. pol_____or species               | <i>n.</i> 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 |

ANSWERS: 10. pup, 11. mite, 12. pup, 13. hive, 14. sprout, 15. larva, 16. trade-off, 17. trait, 18. beehive, 19. inseminate, 20. pollinator





29. a br\_\_d of chickens *v.* to think much and deeply about something that makes one annoyed, anxious, or angry; (noun) a group of young birds or other animals all produced at one hatching or birth
30. a m\_\_e of evidence *n.* a tiny arachnid-like creature that is related to ticks and spiders and often lives as a parasite on plants or animals
31. st\_\_\_\_or management *n.* something that causes stress or emotional tension
32. pa\_\_\_\_ic relationship *adj.* living off another organism to the detriment of the host
33. 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
34. the fu\_\_y skin *adj.* covered in fur or a furry material; resembling fur
35. conducting ba\_\_n *n.* a thin stick or rod used as a conductor's wand, a symbol of authority, or a tool for specific sports or activities; a short, straight, light stick that is passed from runner to runner in a relay race
36. p\_\_a stage *n.* the intermediate stage in the development of an insect between the larva and the adult
37. sh\_\_\_\_l up due to drought *v.* to dry up and shrink or wither due to lack of moisture or nourishment; to become smaller or less significant over time

ANSWERS: 29. brood, 30. mite, 31. stressor, 32. parasitic, 33. larva, 34. furry, 35. baton, 36. pupa, 37. shrivel

38. disturb a be\_\_\_\_\_e *n.* a structure or container where bees live and store their honey
39. ins\_\_\_\_\_te cattle *v.* to introduce semen into a female reproductive tract to fertilize an egg; to introduce a substance or idea into something
40. a h\_\_e of activity *n.* a structure for the reception and habitation of bees, either built by people or made by the bees themselves; a place swarming people
41. reo\_\_\_\_\_ze a department *v.* to change to a more sufficient or suitable form of organization
42. po\_\_\_\_\_te plants *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
43. reo\_\_\_\_\_ze his debts *v.* to change to a more sufficient or suitable form of organization
44. be\_\_\_\_\_er hat *n.* a person who keeps bees, either for their honey or to pollinate crops
45. br\_\_d about the defeat *v.* to think much and deeply about something that makes one annoyed, anxious, or angry; (noun) a group of young birds or other animals all produced at one hatching or birth
46. brood-pa\_\_\_\_\_ic bird *adj.* living off another organism to the detriment of the host

ANSWERS: 38. beehive, 39. inseminate, 40. hive, 41. reorganize, 42. pollinate, 43. reorganize, 44. beekeeper, 45. brood, 46. parasitic

47. pol\_\_\_\_\_on by insect      *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
48. twirl the ba\_\_n      *n.* a thin stick or rod used as a conductor's wand, a symbol of authority, or a tool for specific sports or activities; a short, straight, light stick that is passed from runner to runner in a relay race
49. co\_\_\_\_\_se the text      *v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated
50. st\_\_\_\_\_or event      *n.* something that causes stress or emotional tension

ANSWERS: 47. pollination, 48. baton, 49. condense, 50. stressor

## Session 3: Fill in the Blanks

1. 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
2. There was a \_\_\_\_\_ between speed and accuracy in the task.  
*n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
3. I need to \_\_\_\_\_ all of my notes into a manageable summary for my presentation.  
*v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated
4. The flowers in the garden began to \_\_\_\_\_ after the first rain of the season.  
*v.* to grow or develop new parts typically leaves or shoots, from a plant; to emerge, develop, or arise gradually or suddenly
5. 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
6. Bees are important \_\_\_\_\_ for many crops and plants.  
*n.* 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
7. We \_\_\_\_\_ cows to gain milk and meat.  
*v.* to take control of animals or plants to provide food, power, or company

ANSWERS: 1. hive, 2. trade-off, 3. condense, 4. sprout, 5. beekeeper, 6. pollinators, 7. domesticate

8. The terrible result \_\_\_\_\_ over her all day long.  
*v.* to think much and deeply about something that makes one annoyed, anxious, or angry; (noun) a group of young birds or other animals all produced at one hatching or birth
9. The deadline for the project was a major \_\_\_\_\_ for the team.  
*n.* something that causes stress or emotional tension
10. 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
11. The \_\_\_\_\_ plant was able to survive by stealing nutrients from its host.  
*adj.* living off another organism to the detriment of the host
12. The \_\_\_\_\_ environment of the library was perfect for studying.  
*adj.* calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity
13. The \_\_\_\_\_ infestation in the old house was a serious problem for the residents.  
*n.* a tiny arachnid-like creature that is related to ticks and spiders and often lives as a parasite on plants or animals
14. The grapes \_\_\_\_\_ in the heat, making them inedible.  
*v.* to dry up and shrink or wither due to lack of moisture or nourishment; to become smaller or less significant over time
15. Multiple genes may influence behavioral \_\_\_\_\_ concurrently.  
*n.* a particular feature of your nature

ANSWERS: 8. brooded, 9. stressor, 10. larva, 11. parasitic, 12. sedate, 13. mite, 14. shriveled, 15. traits

16. The \_\_\_\_\_ of the moth was hidden deep inside the cocoon.  
*n.* the intermediate stage in the development of an insect between the larva and the adult
17. The stuffed animal was so \_\_\_\_\_ and soft that it was hard to resist hugging it.  
*adj.* covered in fur or a furry material; resembling fur
18. The beekeeper checked the \_\_\_\_\_ for any signs of disease.  
*n.* a structure or container where bees live and store their honey
19. Without bees to \_\_\_\_\_ the flowers, many crops would not exist.  
*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
20. The new CEO was appointed to \_\_\_\_\_ their business.  
*v.* to change to a more sufficient or suitable form of organization
21. The police officer used his \_\_\_\_\_ to disperse the crowd.  
*n.* a thin stick or rod used as a conductor's wand, a symbol of authority, or a tool for specific sports or activities; a short, straight, light stick that is passed from runner to runner in a relay race
22. 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
23. The farmer hired a specialist to artificially \_\_\_\_\_ his livestock, ensuring healthy and diverse offspring.  
*v.* to introduce semen into a female reproductive tract to fertilize an egg; to introduce a substance or idea into something

ANSWERS: 16. pupa, 17. furry, 18. beehive, 19. pollinate, 20. reorganize, 21. baton, 22. pollination, 23. inseminate

24. The eggs began to \_\_\_\_\_ and the small chicks emerged.

- v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage

25. The little \_\_\_\_ was so cute, with big, floppy ears and a wagging tail.

- n.* a young dog, seal, or other animals

ANSWERS: 24. hatch, 25. pup