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## Vocabulary Builder Reference from...

*Louie Schwartzberg: The hidden beauty of pollination*  
| TED Talk

[https://www.ted.com/talks/louie\\_schwartzberg\\_the\\_hidden\\_beauty\\_of\\_pollination](https://www.ted.com/talks/louie_schwartzberg_the_hidden_beauty_of_pollination)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### 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

*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.

### hummingbird

*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

(1) **hummingbird** feeder, (2) **hummingbird** nest

Watching a **hummingbird** at a flower is like observing a

miniature ballet of nature.

## timelapse

*n.* a technique in photography or cinematography where a series of images or frames are taken at set intervals and then played back at a faster speed to create the illusion of time moving quickly

(1) **timelapse** photography, (2) capture **timelapse** footage  
The **timelapse** video beautifully captured the changing seasons over a year.

## seduce

*v.* to entice someone to engage in sexual behavior or to enter into a romantic relationship

*synonym*: tempt, lure, entice

(1) **seduce** him into crime, (2) **seduce** her mind  
He tried to **seduce** her with his charm and good looks.

## motto

*n.* a phrase or slogan that expresses a guiding principle or goal

*synonym*: slogan, catchphrase, phrase

(1) the **motto** for safe traffic, (2) company **motto**  
The company's **motto** is "Innovation and Service," which is reflected in its products and customer support.

## monarch

*n.* a person who rules a country, such as a king or queen

*synonym*: ruler, sovereign, majesty

(1) an absolute **monarch**, (2) **monarch** butterflies  
She came from a commoner background but eventually became the **monarch** of that country.

## mystical

*adj.* relating to or characterized by spiritual powers; beyond ordinary understanding

*synonym*: occult, esoteric, enigmatic

(1) **mystical** intuition, (2) **mystical** belief  
While meditating, he had a **mystical** experience and felt a sense of unity with the universe.

## nectar

*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

*synonym* : honey, ambrosia, syrup

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

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

## tweet

*n.* a short, high sound made by a small bird; a message sent using Twitter, the social media application

*synonym* : peep, chirp, post (on Twitter)

(1) a chick's **tweet**, (2) his latest **tweets**

We could hear the **tweet** of baby birds.

## 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.

## rediscover

*v.* to discover or find again something that was previously known but lost

*synonym* : recover, get back, revive

(1) **rediscover** a value, (2) **rediscover** an old truth

The painting was **rediscovered** in an attic and turned out to be a long-lost masterpiece.

## Session 2: Spelling

1. po\_\_\_\_\_te 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 others
2. ti\_\_\_\_\_se photography  
*n.* a technique in photography or cinematography where a series of images or frames are taken at set intervals and then played back at a faster speed to create the illusion of time moving quickly
3. se\_\_\_e him into crime  
*v.* to entice someone to engage in sexual behavior or to enter into a romantic relationship
4. hum\_\_\_\_\_rd feeder  
*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
5. company mo\_\_o  
*n.* a phrase or slogan that expresses a guiding principle or goal
6. 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

ANSWERS: 1. pollinate, 2. timelapse, 3. seduce, 4. hummingbird, 5. motto, 6. pollinate

7. fruit ne\_\_\_r *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
8. ne\_\_\_r of the gods *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
9. pol\_\_\_\_\_or species *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
10. a chick's tw\_\_t *n.* a short, high sound made by a small bird; a message sent using Twitter, the social media application
11. the mo\_\_o for safe traffic *n.* a phrase or slogan that expresses a guiding principle or goal
12. my\_\_\_\_\_al belief *adj.* relating to or characterized by spiritual powers; beyond ordinary understanding
13. capture ti\_\_\_\_\_se footage *n.* a technique in photography or cinematography where a series of images or frames are taken at set intervals and then played back at a faster speed to create the illusion of time moving quickly
14. beneficial pol\_\_\_\_\_or *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

ANSWERS: 7. nectar, 8. nectar, 9. pollinator, 10. tweet, 11. motto, 12. mystical, 13. timelapse, 14. pollinator

15. 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
16. my\_\_\_\_\_al intuition *adj.* relating to or characterized by spiritual powers; beyond ordinary understanding
17. 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
18. red\_\_\_\_\_er a value *v.* to discover or find again something that was previously known but lost
19. se\_\_\_e her mind *v.* to entice someone to engage in sexual behavior or to enter into a romantic relationship
20. mo\_\_\_\_\_h butterflies *n.* a person who rules a country, such as a king or queen
21. an absolute mo\_\_\_\_\_h *n.* a person who rules a country, such as a king or queen
22. red\_\_\_\_\_er an old truth *v.* to discover or find again something that was previously known but lost
23. hum\_\_\_\_\_rd 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
24. his latest tw\_\_ts *n.* a short, high sound made by a small bird; a message sent using Twitter, the social media application

ANSWERS: 15. pollination, 16. mystical, 17. pollination, 18. rediscover, 19. seduce, 20. monarch, 21. monarch, 22. rediscover, 23. hummingbird, 24. tweet

ANSWERS:

## Session 3: Fill in the Blanks

1. Watching a \_\_\_\_\_ at a flower is like observing a miniature ballet of nature.
  - 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
2. We could hear the \_\_\_\_\_ of baby birds.
  - n.* a short, high sound made by a small bird; a message sent using Twitter, the social media application
3. The company's \_\_\_\_\_ is "Innovation and Service," which is reflected in its products and customer support.
  - n.* a phrase or slogan that expresses a guiding principle or goal
4. The painting was \_\_\_\_\_ in an attic and turned out to be a long-lost masterpiece.
  - v.* to discover or find again something that was previously known but lost
5. The \_\_\_\_\_ of the flowers attracted many bees to the garden.
  - 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
6. While meditating, he had a \_\_\_\_\_ experience and felt a sense of unity with the universe.
  - adj.* relating to or characterized by spiritual powers; beyond ordinary understanding
7. 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

ANSWERS: 1. hummingbird, 2. tweet, 3. motto, 4. rediscovered, 5. nectar, 6. mystical, 7. pollinate



8. He tried to \_\_\_\_\_ her with his charm and good looks.
- v.* to entice someone to engage in sexual behavior or to enter into a romantic relationship
9. 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
10. The \_\_\_\_\_ video beautifully captured the changing seasons over a year.
- n.* a technique in photography or cinematography where a series of images or frames are taken at set intervals and then played back at a faster speed to create the illusion of time moving quickly
11. 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
12. She came from a commoner background but eventually became the \_\_\_\_\_ of that country.
- n.* a person who rules a country, such as a king or queen

ANSWERS: 8. seduce, 9. pollinators, 10. timelapse, 11. pollination, 12. monarch