

# Englist.me



## Vocabulary Builder Reference from...

Camille Defrenne and Suzanne Simard: The secret language of trees | TED Talk

[https://www.ted.com/talks/camille\\_defrenne\\_and\\_suzanne\\_simard\\_the\\_secret\\_language\\_of\\_trees](https://www.ted.com/talks/camille_defrenne_and_suzanne_simard_the_secret_language_of_trees)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### grandchild

*n.* a child of someone's son or daughter

*synonym*: offspring, descendant, progeny

(1) **grandchild-grandparent** relationship, (2) **grandchild** development

The grandparents take care of their **grandchild** while the parents are at work.

### towering

*adj.* very tall or high, often to an impressive or intimidating degree; powerful or dominant in influence or stature

*synonym*: lofty, tall, excessive

(1) **towering** trees, (2) **towering** mountain

The **towering** skyscraper blocked out the sun on the street below.

### symbiotic

*adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist

(1) **symbiotic** economy, (2) **symbiotic** bacteria

We have a mutually **symbiotic** connection with them.

### fungus

*n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

*synonym* : mold, mildew, yeast

(1) **fungus** infection, (2) symbiotic **fungus**

Certain types of **fungus** can be toxic to humans, causing severe illness if ingested.

## mycorrhiza

*n.* a mutually beneficial association between a fungus and the roots of a plant, in which the fungus helps the plant absorb water and nutrients, and the plant provides the fungus with sugars produced through photosynthesis

*synonym* : fungus, root, relationship

(1) **mycorrhiza** fungi, (2) orchid **mycorrhiza**

Some studies have shown that plants grown in soil with a high population of **mycorrhizal** fungi are more resistant to drought and disease.

## hypha

*n.* a threadlike structure that is part of the vegetative growth of fungi and certain other microorganisms

*synonym* : thread, filament, hair

(1) **hypha** of candida, (2) **hyphal** growth

In some fungi, the **hyphae** form a network called mycelium, which can spread over large soil or organic matter areas.

## mycelium

*n.* the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae

(1) **mycelium** growth, (2) aerial **mycelium**

The **mycelium** of the mushroom spread through the soil, absorbing nutrients.

## seedling

*n.* a young plant that has just germinated and has not yet developed leaves or true roots

*synonym* : sapling, sprout, shoot

(1) a green **seedling**, (2) **seedling** tray

The **seedlings** in the garden needed to be thinned out to have enough space to grow.

## photosynthesis

*n.* the process through which plants and other organisms transform light energy into chemical energy, which is

then released through cellular respiration to power the organism's activities.

(1) oxygenic **photosynthesis**, (2) process of **photosynthesis**

In **photosynthesis**, plants use carbon dioxide to feed themselves.

## sap

*v.* to gradually weaken or drain strength, energy, or resources; to undermine or impair someone's confidence or morale

*synonym*: weaken, exhaust, drain

(1) **sap** flow, (2) **sap** strength

The disease has **sapped** all his energy, and he can barely get out of bed.

## penetrate

*v.* to pass into or through something, often by overcoming resistance

*synonym*: pierce, stab, go through

(1) **penetrate** a cell, (2) **penetrate** quickly into the skin

Western ideology slowly **penetrates** through the eastern countries.

## opportune

*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

*synonym*: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

## sibling

*n.* a brother or sister; member of a family born to the same parents

*synonym*: brother, sister, relative

(1) have a **sibling** quarrel, (2) play with my **siblings**

Children often copy their parents or elder **siblings**.

## intricate

*adj.* having many different parts and small details that all work together

*synonym*:

complicated, convoluted, complex

(1) **intricate** details, (2) **intricate** lacework

The politician managed to deal with that **intricate** issue.

## **interconnect**

v. to connect similar things

*synonym*: interlink, connect, annex

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

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

## Session 2: Spelling

1. to\_\_\_\_\_ng trees *adj.* very tall or high, often to an impressive or intimidating degree; powerful or dominant in influence or stature
2. pe\_\_\_\_\_te quickly into the skin *v.* to pass into or through something, often by overcoming resistance
3. have a si\_\_\_\_\_g quarrel *n.* a brother or sister; member of a family born to the same parents
4. gra\_\_\_\_\_ld-grandparent relationship *n.* a child of someone's son or daughter
5. gra\_\_\_\_\_ld development *n.* a child of someone's son or daughter
6. an op\_\_\_\_\_ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
7. oxygenic pho\_\_\_\_\_sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
8. symbiotic fu\_\_\_\_s *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
9. op\_\_\_\_\_ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
10. pe\_\_\_\_\_te a cell *v.* to pass into or through something, often by overcoming resistance

ANSWERS: 1. towering, 2. penetrate, 3. sibling, 4. grandchild, 5. grandchild, 6. opportune, 7. photosynthesis, 8. fungus, 9. opportune, 10. penetrate

11. process of pho\_\_\_\_\_sis      *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
12. hy\_\_al growth      *n.* a threadlike structure that is part of the vegetative growth of fungi and certain other microorganisms
13. human activities int\_\_\_\_\_ect with the environment      *v.* to connect similar things
14. sy\_\_\_\_\_ic economy      *adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
15. a green se\_\_\_\_\_ng      *n.* a young plant that has just germinated and has not yet developed leaves or true roots
16. hy\_\_a of candida      *n.* a threadlike structure that is part of the vegetative growth of fungi and certain other microorganisms
17. s\_p strength      *v.* to gradually weaken or drain strength, energy, or resources; to undermine or impair someone's confidence or morale
18. in\_\_\_\_\_te details      *adj.* having many different parts and small details that all work together
19. aerial my\_\_\_\_\_um      *n.* the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae
20. fu\_\_\_s infection      *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

ANSWERS: 11. photosynthesis, 12. hypha, 13. interconnect, 14. symbiotic, 15. seedling, 16. hypha, 17. sap, 18. intricate, 19. mycelium, 20. fungus

21. my\_\_\_\_\_um growth *n.* the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae
22. sy\_\_\_\_\_ic bacteria *adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
23. in\_\_\_\_\_te lacework *adj.* having many different parts and small details that all work together
24. se\_\_\_\_\_ng tray *n.* a young plant that has just germinated and has not yet developed leaves or true roots
25. to\_\_\_\_\_ng mountain *adj.* very tall or high, often to an impressive or intimidating degree; powerful or dominant in influence or stature
26. myc\_\_\_\_\_za fungi *n.* a mutually beneficial association between a fungus and the roots of a plant, in which the fungus helps the plant absorb water and nutrients, and the plant provides the fungus with sugars produced through photosynthesis
27. orchid myc\_\_\_\_\_za *n.* a mutually beneficial association between a fungus and the roots of a plant, in which the fungus helps the plant absorb water and nutrients, and the plant provides the fungus with sugars produced through photosynthesis
28. directly int\_\_\_\_\_ect with those systems *v.* to connect similar things

ANSWERS: 21. mycelium, 22. symbiotic, 23. intricate, 24. seedling, 25. towering, 26. mycorrhiza, 27. mycorrhiza, 28. interconnect

29. play with my si\_\_\_\_gs

*n.* a brother or sister; member of a family born to the same parents

30. s\_p flow

*v.* to gradually weaken or drain strength, energy, or resources; to undermine or impair someone's confidence or morale

ANSWERS: 29. sibling, 30. sap



## Session 3: Fill in the Blanks

1. The phone rang at the most \_\_\_\_\_ time.  
*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
2. The politician managed to deal with that \_\_\_\_\_ issue.  
*adj.* having many different parts and small details that all work together
3. The \_\_\_\_\_ of the mushroom spread through the soil, absorbing nutrients.  
*n.* the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae
4. Certain types of \_\_\_\_\_ can be toxic to humans, causing severe illness if ingested.  
*n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
5. Western ideology slowly \_\_\_\_\_ through the eastern countries.  
*v.* to pass into or through something, often by overcoming resistance
6. The grandparents take care of their \_\_\_\_\_ while the parents are at work.  
*n.* a child of someone's son or daughter
7. In some fungi, the \_\_\_\_\_ form a network called mycelium, which can spread over large soil or organic matter areas.  
*n.* a threadlike structure that is part of the vegetative growth of fungi and certain other microorganisms

ANSWERS: 1. opportune, 2. intricate, 3. mycelium, 4. fungus, 5. penetrates, 6. grandchild, 7. hyphae

8. In \_\_\_\_\_ plants use carbon dioxide to feed themselves.
- n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
9. Children often copy their parents or elder \_\_\_\_\_.
- n.* a brother or sister; member of a family born to the same parents
10. The disease has \_\_\_\_\_ all his energy, and he can barely get out of bed.
- v.* to gradually weaken or drain strength, energy, or resources; to undermine or impair someone's confidence or morale
11. The \_\_\_\_\_ in the garden needed to be thinned out to have enough space to grow.
- n.* a young plant that has just germinated and has not yet developed leaves or true roots
12. We have a mutually \_\_\_\_\_ connection with them.
- adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
13. Some studies have shown that plants grown in soil with a high population of \_\_\_\_\_ fungi are more resistant to drought and disease.
- n.* a mutually beneficial association between a fungus and the roots of a plant, in which the fungus helps the plant absorb water and nutrients, and the plant provides the fungus with sugars produced through photosynthesis
14. The \_\_\_\_\_ skyscraper blocked out the sun on the street below.
- adj.* very tall or high, often to an impressive or intimidating degree; powerful or dominant in influence or stature

ANSWERS: 8. photosynthesis, 9. siblings, 10. sapped, 11. seedlings, 12. symbiotic, 13. mycorrhizal, 14. towering

15. Our system can now \_\_\_\_\_ with other databases.

v. to connect similar things

ANSWERS: 15. interconnect