

# Englist.me



## Vocabulary Builder Reference from...

*Devin Shuman: The genes you don't get from your parents (but can't live without) | TED Talk*

[https://www.ted.com/talks/devin\\_shuman\\_the\\_genes\\_you\\_don\\_t\\_get\\_from\\_your\\_parents\\_but\\_can\\_t\\_live\\_without](https://www.ted.com/talks/devin_shuman_the_genes_you_don_t_get_from_your_parents_but_can_t_live_without)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### inherit

*v.* to receive money, property, or a title from someone after they have died

*synonym*: obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property

After his death, his sons **inherited** his business.

### 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.

### multicellular

*adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)

*synonym*: multicelled, many-celled, complex

(1) **multicellular** tissues, (2) **multicellular** life

**Multicellular** organisms are composed of many specialized cells working together.

## mitochondria

*n.* (singular: mitochondrion) an organelle (= a specialized part of a cell) found in large numbers in most cells that produce energy for the cell by breaking down food

(1) a membrane of a **mitochondria**, (2) healthy

### **mitochondria**

**Mitochondria** DNA is used to trace human lineage and migration footprints.

## organelle

*n.* a specialized subunit, usually within a cell, that has a specific function

(1) cellular **organelles**, (2) **organelle** protein

Membranes bind these **organelles** together.

## engulf

*v.* to swallow up; to surround and cover completely

*synonym*: swallow, submerge, inundate

(1) **engulf** the politician, (2) **engulf** in water

The fire quickly **engulfed** the entire building.

## ancestor

*n.* a person from whom one is descended; a forefather

*synonym*: forebear, forefather, progenitor

(1) **ancestor** language, (2) earliest human **ancestor**

My remote **ancestor** immigrated to the United States from Ireland in the 1800s.

## 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.

## metabolite

*n.* a substance produced by metabolic processes in living organisms, especially those that are essential for normal physiological functions

*synonym*: intermediate

(1) **metabolite** concentration, (2) drug **metabolite**

The liver **metabolite** levels were higher than usual.

## mammal

*n.* 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.

## cucumber

*n.* a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable

(1) a **cucumber** face mask, (2) several varieties of **cucumbers**

I like to slice **cucumber** and put it on my sandwiches.

## microbe

*n.* a tiny living thing that can only be seen with a microscope and that may cause disease

*synonym*: germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

**Microbes** thrive on the surface of the human skin.

## oxymonad

*n.* a type of single-celled organism that is found in aquatic environments and is characterized by its use of flagella to move around and capture prey

*synonym*: microbe, protist, flagellate

(1) **oxymonad** parasite, (2) the metabolic pathways of the **oxymonad**

The unique morphology of the **oxymonad** has puzzled scientists for decades.

## monocercomonoides

*n.* a genus of parasitic single-celled organisms that are typically found in the intestines of various animals

*synonym*: parasite, single-cell organism, flagellate

(1) **monocercomonoides** infection,

(2) **monocercomonoides** worm

The life cycle of **monocercomonoides** involves multiple

hosts, including snails and fish.

## tandem

*n.* a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other

*synonym*: bicycle built for two, double, tandem bike

(1) **tandem** approach, (2) **tandem** skydiving

The **tandem** bike ride was fun for the couple to enjoy together.

## conceive

*v.* to have or develop an idea, a plan, etc. in mind; to become pregnant

*synonym*: imagine, envision, concoct

(1) **conceive** of an idea, (2) **conceive** a child

I can't **conceive** he'd want to harm us.

## dissolve

*v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

*synonym*: disband, disappear, liquefy

(1) **dissolve** the sugar, (2) officially **dissolved** the marriage

The political party **dissolved** after much internal fighting.

## fertilize

*v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

*synonym*: pollinate, inseminate, enrich

(1) **fertilize** the soil, (2) **fertilize** the female egg

The couple decided to use the non-husband sperm to **fertilize** a wife.

## divvy

*v.* to divide or distribute something, often something that is shared or pooled among a group of people

*synonym*: share, split, distribute

(1) **divvy** up duties, (2) **divvy** out rewards

The group decided to **divvy** up the tasks evenly for the project.

## scatter

*v.* to cause to separate and go in different directions

*synonym*: disperse, spread, bestrew

(1) **scatter** seeds, (2) **scatter** around the internet

The hunter's approach **scattered** the geese.

## fuse

*n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (*verb*) to become plastic or fluid or liquefied from heat

*synonym*: (*verb*) melt, (*verb*) blend

(1) **fuse** blows, (2) **fuse** with one another

He has a short **fuse**.

## sequester

*v.* to take temporary possession of someone's property until a debt is paid.

*synonym*: isolate, set apart, segregate

(1) **sequester** ten percent of the annual carbon emissions,

(2) **sequester** myself from the world

He approved their requests to **sequester** the jury.

## defy

*v.* to challenge or dare someone to do something; to resist or disobey a rule, decision, etc.

*synonym*: challenge, resist, disobey

(1) **defy** gravity, (2) **defy** authority

She tried to **defy** her parents by moving to the city against their wishes.

## unfold

*v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown

*synonym*: open, spread out, expose

(1) **unfold** the story, (2) **unfold** the stroller

The mystery **unfolded** as the detectives gathered more clues.

## inseparable

*adj.* incapable of being separated or disjoined; closely welded or joined together; mutually dependent or closely

linked

*synonym* : attached, connected, united

(1) **inseparable** friends, (2) **inseparable** duo

The two friends were **inseparable** and did everything together.

## Session 2: Spelling

1. 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
2. cellular or \_\_\_\_\_les  
*n.* a specialized subunit, usually within a cell, that has a specific function
3. the metabolic pathways of the ox\_\_\_\_\_ad  
*n.* a type of single-celled organism that is found in aquatic environments and is characterized by its use of flagella to move around and capture prey
4. mon\_\_\_\_\_des worm  
*n.* a genus of parasitic single-celled organisms that are typically found in the intestines of various animals
5. ta\_\_\_m approach  
*n.* a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other
6. mon\_\_\_\_\_des infection  
*n.* a genus of parasitic single-celled organisms that are typically found in the intestines of various animals
7. ins\_\_\_\_\_le duo  
*adj.* incapable of being separated or disjoined; closely welded or joined together; mutually dependent or closely linked
8. met\_\_\_\_\_te concentration  
*n.* a substance produced by metabolic processes in living organisms, especially those that are essential for normal physiological functions

ANSWERS: 1. fungus, 2. organelle, 3. oxymonad, 4. monocercomonoides, 5. tandem, 6. monocercomonoides, 7. inseparable, 8. metabolite

9. di\_\_y out rewards *v.* to divide or distribute something, often something that is shared or pooled among a group of people
10. sc\_\_\_\_\_r around the internet *v.* to cause to separate and go in different directions
11. di\_\_y up duties *v.* to divide or distribute something, often something that is shared or pooled among a group of people
12. a sort of ma\_\_\_\_l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
13. mi\_\_\_\_\_es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
14. f\_\_e blows *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
15. ox\_\_\_\_\_ad parasite *n.* a type of single-celled organism that is found in aquatic environments and is characterized by its use of flagella to move around and capture prey
16. mul\_\_\_\_\_lar tissues *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
17. un\_\_\_\_d the story *v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown

ANSWERS: 9. divvy, 10. scatter, 11. divvy, 12. mammal, 13. microbe, 14. fuse, 15. oxymonad, 16. multicellular, 17. unfold



18. ins\_\_\_\_\_le friends *adj.* incapable of being separated or disjoined; closely welded or joined together; mutually dependent or closely linked
19. se\_\_\_\_\_er ten percent of the annual carbon emissions *v.* to take temporary possession of someone's property until a debt is paid.
20. earliest human an\_\_\_\_\_or *n.* a person from whom one is descended; a forefather
21. or\_\_\_\_\_le protein *n.* a specialized subunit, usually within a cell, that has a specific function
22. healthy mit\_\_\_\_\_ria *n.* (singular: mitochondrion) an organelle (= a specialized part of a cell) found in large numbers in most cells that produce energy for the cell by breaking down food
23. fe\_\_\_\_\_ze the soil *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
24. sc\_\_\_\_\_r seeds *v.* to cause to separate and go in different directions
25. d\_\_y gravity *v.* to challenge or dare someone to do something; to resist or disobey a rule, decision, etc.
26. co\_\_\_\_\_ve of an idea *v.* to have or develop an idea, a plan, etc. in mind; to become pregnant
27. f\_\_e with one another *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat

ANSWERS: 18. inseparable, 19. sequester, 20. ancestor, 21. organelle, 22. mitochondria, 23. fertilize, 24. scatter, 25. defy, 26. conceive, 27. fuse

- |                                     |   |
|-------------------------------------|---|
| 28. several varieties of cu_____ers | <i>n.</i> a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable   |
| 29. an_____or language              | <i>n.</i> a person from whom one is descended; a forefather   |
| 30. pathogenic mi_____e             | <i>n.</i> a tiny living thing that can only be seen with a microscope and that may cause disease  |
| 31. co_____ve a child               | <i>v.</i> to have or develop an idea, a plan, etc. in mind; to become pregnant  |
| 32. in_____t estate                 | <i>v.</i> to receive money, property, or a title from someone after they have died  |
| 33. a primitive ma____l             | <i>n.</i> any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body   |
| 34. hu_____g sound                  | <i>adj.</i> producing a continuous, low, vibrating sound like that of the bee   |
| 35. hu_____g bird                   | <i>adj.</i> producing a continuous, low, vibrating sound like that of the bee   |
| 36. in_____t ancestral property     | <i>v.</i> to receive money, property, or a title from someone after they have died  |
| 37. mul_____lar life                | <i>adj.</i> characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)   |
| 38. drug met_____te                 | <i>n.</i> a substance produced by metabolic processes in living organisms, especially those that are essential for normal physiological functions                               |
| 39. fe_____ze the female egg        | <i>v.</i> to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well |

ANSWERS: 28. cucumber, 29. ancestor, 30. microbe, 31. conceive, 32. inherit, 33. mammal, 34. humming, 35. humming, 36. inherit, 37. multicellular, 38. metabolite, 39. fertilize

40. un\_\_\_d the stroller *v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
41. a membrane of a mit\_\_\_\_\_ria *n.* (singular: mitochondrion) an organelle (= a specialized part of a cell) found in large numbers in most cells that produce energy for the cell by breaking down food
42. officially di\_\_\_\_\_ved the marriage *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
43. en\_\_\_f in water *v.* to swallow up; to surround and cover completely
44. a cu\_\_\_\_\_er face mask *n.* a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable
45. 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
46. ta\_\_\_m skydiving *n.* a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other
47. se\_\_\_\_\_er myself from the world *v.* to take temporary possession of someone's property until a debt is paid.
48. en\_\_\_f the politician *v.* to swallow up; to surround and cover completely

ANSWERS: 40. unfold, 41. mitochondria, 42. dissolve, 43. engulf, 44. cucumber, 45. fungus, 46. tandem, 47. sequester, 48. engulf

49. di\_\_\_\_ve the sugar

v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

50. d\_\_y authority

v. to challenge or dare someone to do something; to resist or disobey a rule, decision, etc.

ANSWERS: 49. dissolve, 50. defy

## Session 3: Fill in the Blanks

1. He approved their requests to \_\_\_\_\_ the jury.
  - v. to take temporary possession of someone's property until a debt is paid.
  
2. The couple decided to use the non-husband sperm to \_\_\_\_\_ a wife.
  - v. to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
  
3. After his death, his sons \_\_\_\_\_ his business.
  - v. to receive money, property, or a title from someone after they have died
  
4. The liver \_\_\_\_\_ levels were higher than usual.
  - n. a substance produced by metabolic processes in living organisms, especially those that are essential for normal physiological functions
  
5. I can't \_\_\_\_\_ he'd want to harm us.
  - v. to have or develop an idea, a plan, etc. in mind; to become pregnant
  
6. 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
  
7. 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

ANSWERS: 1. sequester, 2. fertilize, 3. inherited, 4. metabolite, 5. conceive, 6. fungus, 7. humming

8. The fire quickly \_\_\_\_\_ the entire building.

*v.* to swallow up; to surround and cover completely

9. The group decided to \_\_\_\_\_ up the tasks evenly for the project.

*v.* to divide or distribute something, often something that is shared or pooled among a group of people

10. The two friends were \_\_\_\_\_ and did everything together.

*adj.* incapable of being separated or disjoined; closely welded or joined together; mutually dependent or closely linked

11. Membranes bind these \_\_\_\_\_ together.

*n.* a specialized subunit, usually within a cell, that has a specific function

12. My remote \_\_\_\_\_ immigrated to the United States from Ireland in the 1800s.

*n.* a person from whom one is descended; a forefather

13. I like to slice \_\_\_\_\_ and put it on my sandwiches.

*n.* a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable

14. The political party \_\_\_\_\_ after much internal fighting.

*v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

15. \_\_\_\_\_ DNA is used to trace human lineage and migration footprints.

*n.* (singular: mitochondrion) an organelle (= a specialized part of a cell) found in large numbers in most cells that produce energy for the cell by breaking down food

ANSWERS: 8. engulfed, 9. divvy, 10. inseparable, 11. organelles, 12. ancestor, 13. cucumber, 14. dissolved, 15. Mitochondria

16. The life cycle of \_\_\_\_\_ involves multiple hosts, including snails and fish.
- n.* a genus of parasitic single-celled organisms that are typically found in the intestines of various animals
17. \_\_\_\_\_ thrive on the surface of the human skin.
- n.* a tiny living thing that can only be seen with a microscope and that may cause disease
18. 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
19. He has a short \_\_\_\_\_.
- n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
20. \_\_\_\_\_ organisms are composed of many specialized cells working together.
- adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
21. The unique morphology of the \_\_\_\_\_ has puzzled scientists for decades.
- n.* a type of single-celled organism that is found in aquatic environments and is characterized by its use of flagella to move around and capture prey
22. She tried to \_\_\_\_\_ her parents by moving to the city against their wishes.
- v.* to challenge or dare someone to do something; to resist or disobey a rule, decision, etc.

ANSWERS: 16. monocercomonoides, 17. Microbes, 18. mammal, 19. fuse, 20. Multicellular, 21. oxymonad, 22. defy

23. The mystery \_\_\_\_\_ as the detectives gathered more clues.

- v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown

24. The hunter's approach \_\_\_\_\_ the geese.

- v.* to cause to separate and go in different directions

25. The \_\_\_\_\_ bike ride was fun for the couple to enjoy together.

- n.* a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other

ANSWERS: 23. unfolded, 24. scattered, 25. tandem