

# Englist.me



## Vocabulary Builder Reference from...

*Juan Enriquez: The age of genetic wonder | TED Talk*  
[https://www.ted.com/talks/juan\\_enriquez\\_the\\_age\\_of\\_genetic\\_wonder\\_jan\\_2019](https://www.ted.com/talks/juan_enriquez_the_age_of_genetic_wonder_jan_2019)

### Advanced Words Only

#### IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

## Session 1: Word List

- overestimate** v. to estimate something to be greater in amount or importance than it really is  
*synonym* : overrate, overvalue, embellish  
(1) **overestimate** the value, (2) **overestimate** the amount of time spent  
He tends to **overestimate** his abilities.
- underestimate** v. to think or suppose that a quantity, price, or size is smaller than it is  
*synonym* : underrate, misjudge, miscalculate  
(1) **underestimate** an enemy, (2) **underestimate** the probability  
They frequently **underestimated** their abilities and felt inferior.
- miraculous** *adj.* very effective or lucky, or completely unexpected  
*synonym* : amazing, astonishing, awesome  
(1) a **miraculous** encounter, (2) go through a **miraculous** change  
He made a **miraculous** recovery.
- unpack** 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

*synonym* : dissect, unwrap, unbox

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

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

## speck

*n.* a very small spot, piece, or amount

*synonym* : blot, dot, mark

(1) a **speck** of dust, (2) **speck** of suspicion

The plane was just a **speck** in the sky.

## exoplanet

*n.* a planet that orbits a star outside of the solar system

(1) the closest **exoplanet** to Earth, (2) **exoplanet** mission

The **exoplanet** Kepler-186f is located 500 light-years from Earth and is believed to be habitable.

## 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.

## plop

*n.* a short and soft sound like that of a small object dropping into water without a splash; (verb) drop with the sound of something falling into water

*synonym* : drop, flop, plunk

(1) loud **plop**, (2) **plop** of water

The ball fell into the water with a **plop**.

## tangerine

*n.* a sweet, juicy citrus fruit that is smaller and sweeter than an orange, usually with a reddish-orange peel

*synonym* : mandarin, citrus, clementine

(1) **tangerine** peel, (2) **tangerine** flavor

I love the taste of fresh **tangerine** juice in the morning.

## recessive

*adj.* of or relating to the state of the economy declines; (of a gene) controlling a characteristic that is expressed only when a dominant allele is not present

*synonym* : latent, dormant, hidden

(1) **recessive** allele, (2) **recessive** mutant

The **recessive** gene for blue eyes is only expressed when both parents carry the gene.

## colorectal

*adj.* relating to or affecting both the colon (= a part of the large intestine) and the rectum (= a part of the digestive system), often used to refer to medical conditions of the lower digestive system

*synonym* : rectal, anal, intestinal

(1) **colorectal** polyp, (2) **colorectal** surgery

A healthy diet and regular exercise can help reduce the risk of developing **colorectal** cancer.

## bubo

*n.* a swollen and painful lymph node, often caused by a bacterial infection such as the bubonic plague

*synonym* : swelling, lymph node, abscess

(1) lymphatic **bubo**, (2) **bubo** formation

The patient presented with a painful right inguinal **bubo**.

## cholera

*n.* a severe infectious disease that causes acute diarrhea, vomiting, and dehydration, often resulting in a rapid and dangerous loss of body fluids and electrolytes

*synonym* : infectious disease, epidemic, plague

(1) **cholera** toxin, (2) **cholera** epidemic

The outbreak of **cholera** was a major health crisis in the 19th century.

## diversify

*v.* to make something include more different types or things; to spread out activities or investments

*synonym* : branch out, expand, broaden

(1) **diversify** my portfolio, (2) **diversify** energy sources

This inclusive environment has allowed the plant species to **diversify**.

## magnify

v. to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder

*synonym*: enlarge, elaborate, intensify

(1) **magnify** the danger, (2) **magnify** the image for display  
Terrorists often attempt to **magnify** the economic impact of their acts of destruction.

## excite

v. to make someone feel suddenly enthusiastic or eager

*synonym*: thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

## hectare

n. a unit of area equal to 10,000 square meters

(1) **hectare** land, (2) housing per **hectare**

The farm spans over 100 **hectares** of land.

## cadaver

n. a dead body, especially one used for scientific study or medical research

*synonym*: corpse, body, remains

(1) **cadaver** lab, (2) **cadaver** donor

The hospital received a donation of **cadavers** for their research program.

## physicist

n. a scientist who specializes in the field of physics

(1) talented **physicist**, (2) theoretical **physicist**

Einstein was an outstanding and famous **physicist** of the 20th century.

## microbiome

n. the community of microorganisms (= living things too small to be seen) that can usually be found living together in any given environment or the human body

*synonym*: flora

(1) skin **microbiome**, (2) have a diverse **microbiome**

The gut **microbiome** is a major producer of serotonin, which is necessary for human mental stability.

- crib** *n.* a small, enclosed bed for a baby, typically on rockers  
*synonym*: bed, bassinet, cradle  
(1) **crib** bed, (2) baby **crib**  
She put the baby in the portable **crib** for a nap.
- empower** *v.* to give someone the power or authority to do something  
*synonym*: authorize, endow, entitle  
(1) **empower** my life, (2) **empower** the secretary to do the same  
The company **empowered** employees to buy low-price items without approval to achieve efficient purchasing.
- condemn** *v.* to express strong disapproval or criticism of something  
*synonym*: criticize, denounce, censure  
(1) **condemn** violence, (2) **condemn** crime  
The government was **condemned** for its handling of the crisis.
- cyst** *n.* a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment  
*synonym*: abscess, sac, lump  
(1) **cyst** removal, (2) ovarian **cyst**  
The patient was sent for an X-ray to determine the cause of the **cyst** in her abdomen.
- fibrosis** *n.* the formation of excess fibrous connective tissue in an organ or tissue, often associated with inflammation, scarring, or injury; a pathological condition that can affect various organs and tissues of the body, leading to impaired function and potential organ failure  
*synonym*: scarring, hardening, fibrotic disease  
(1) **fibrosis** diagnosis, (2) pulmonary **fibrosis**  
The doctor diagnosed him with cardiac **fibrosis**, which put him at risk for heart failure.

## mosquito

*n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

*synonym* : insect, bug, flea

(1) **mosquito** bite, (2) **mosquito** repellent

A stagnant water area are breeding ground for **mosquitos**.

## vial

*n.* a small glass container, especially one containing liquid medicine or perfume

*synonym* : container, bottle, flask

(1) glass **vials**, (2) insulin **vial**

This medication is sealed in a **vial**.

## regrow

*v.* to grow back or regenerate after being cut or removed, such as cells or tissues in the body, or plants and vegetation

*synonym* : regenerate

(1) **regrow** hair, (2) **regrow** vegetation

Lizards can **regrow** their tails if they are cut off.

## trachea

*n.* the tube-like structure in the body through which air moves from the larynx (= a part of the human respiratory system located in the neck region) to the bronchi (= part of the respiratory system and are responsible for conducting air into the lungs), also known as the windpipe

*synonym* : windpipe, bronchus

(1) **trachea** blockage, (2) **trachea** infection

Inhaling irritants can cause inflammation of the **trachea** and lead to coughing.

## apocryphal

*adj.* of doubtful or questionable authenticity; well known, but probably not true

*synonym* : spurious, questionable, dubious

(1) **apocryphal** account, (2) **apocryphal** text

The story of George Washington and the cherry tree is likely **apocryphal** but still taught in schools.

## Session 2: Spelling

- |                           |   |
|---------------------------|---|
| 1. co_____n crime         | <i>v.</i> to express strong disapproval or criticism of something   |
| 2. housing per he_____e   | <i>n.</i> a unit of area equal to 10,000 square meters  |
| 3. a mir_____us encounter | <i>adj.</i> very effective or lucky, or completely unexpected   |
| 4. c__b bed               | <i>n.</i> a small, enclosed bed for a baby, typically on rockers  |
| 5. apo_____al account     | <i>adj.</i> of doubtful or questionable authenticity; well known, but probably not true   |
| 6. ch_____a toxin         | <i>n.</i> a severe infectious disease that causes acute diarrhea, vomiting, and dehydration, often resulting in a rapid and dangerous loss of body fluids and electrolytes  |
| 7. oxygenic pho_____sis   | <i>n.</i> 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. process of pho_____sis | <i>n.</i> 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. tr_____a infection     | <i>n.</i> the tube-like structure in the body through which air moves from the larynx (= a part of the human respiratory system located in the neck region) to the bronchi (= part of the respiratory system and are responsible for conducting air into the lungs), also known as the windpipe |

ANSWERS: 1. condemn, 2. hectare, 3. miraculous, 4. crib, 5. apocryphal, 6. cholera,

7. photosynthesis, 8. photosynthesis, 9. trachea



10. ex\_\_\_\_\_et mission *n.* a planet that orbits a star outside of the solar system
11. col\_\_\_\_\_al surgery *adj.* relating to or affecting both the colon (= a part of the large intestine) and the rectum (= a part of the digestive system), often used to refer to medical conditions of the lower digestive system
12. re\_\_\_\_\_ve mutant *adj.* of or relating to the state of the economy declines; (of a gene) controlling a characteristic that is expressed only when a dominant allele is not present
13. a sp\_\_k of dust *n.* a very small spot, piece, or amount
14. ma\_\_\_\_\_y the danger *v.* to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
15. lymphatic b\_\_o *n.* a swollen and painful lymph node, often caused by a bacterial infection such as the bubonic plague
16. re\_\_\_w vegetation *v.* to grow back or regenerate after being cut or removed, such as cells or tissues in the body, or plants and vegetation
17. skin mic\_\_\_\_\_me *n.* the community of microorganisms (= living things too small to be seen) that can usually be found living together in any given environment or the human body
18. ma\_\_\_\_\_y the image for display *v.* to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder

ANSWERS: 10. exoplanet, 11. colorectal, 12. recessive, 13. speck, 14. magnify, 15. bubo, 16. regrow, 17. microbiome, 18. magnify

19. theoretical ph\_\_\_\_\_st *n.* a scientist who specializes in the field of physics
20. ex\_\_\_e the crowd *v.* to make someone feel suddenly enthusiastic or eager
21. ta\_\_\_\_\_ne flavor *n.* a sweet, juicy citrus fruit that is smaller and sweeter than an orange, usually with a reddish-orange peel
22. p\_\_p of water *n.* a short and soft sound like that of a small object dropping into water without a splash; (verb) drop with the sound of something falling into water
23. b\_\_o formation *n.* a swollen and painful lymph node, often caused by a bacterial infection such as the bubonic plague
24. mo\_\_\_\_\_to repellent *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
25. glass v\_\_ls *n.* a small glass container, especially one containing liquid medicine or perfume
26. un\_\_\_k a concept *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
27. baby c\_\_b *n.* a small, enclosed bed for a baby, typically on rockers
28. have a diverse mic\_\_\_\_\_me *n.* the community of microorganisms (= living things too small to be seen) that can usually be found living together in any given environment or the human body

ANSWERS: 19. physicist, 20. excite, 21. tangerine, 22. plop, 23. bubo, 24. mosquito, 25. vial, 26. unpack, 27. crib, 28. microbiome

29. fi\_\_\_\_is diagnosis *n.* the formation of excess fibrous connective tissue in an organ or tissue, often associated with inflammation, scarring, or injury; a pathological condition that can affect various organs and tissues of the body, leading to impaired function and potential organ failure
30. ovarian c\_\_t *n.* a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment
31. ove\_\_\_\_\_ate the value *v.* to estimate something to be greater in amount or importance than it really is
32. the closest ex\_\_\_\_\_et to Earth *n.* a planet that orbits a star outside of the solar system
33. ch\_\_\_\_\_a epidemic *n.* a severe infectious disease that causes acute diarrhea, vomiting, and dehydration, often resulting in a rapid and dangerous loss of body fluids and electrolytes
34. c\_\_t removal *n.* a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment
35. di\_\_\_\_\_fy energy sources *v.* to make something include more different types or things; to spread out activities or investments

ANSWERS: 29. fibrosis, 30. cyst, 31. overestimate, 32. exoplanet, 33. cholera, 34. cyst, 35. diversify

36. co\_\_\_\_\_n violence      *v.* to express strong disapproval or criticism of something
37. ove\_\_\_\_\_ate the amount of time spent      *v.* to estimate something to be greater in amount or importance than it really is
38. em\_\_\_\_\_r the secretary to do the same      *v.* to give someone the power or authority to do something
39. und\_\_\_\_\_ate an enemy      *v.* to think or suppose that a quantity, price, or size is smaller than it is
40. he\_\_\_\_\_e land      *n.* a unit of area equal to 10,000 square meters
41. ex\_\_\_\_\_e rebellion      *v.* to make someone feel suddenly enthusiastic or eager
42. ta\_\_\_\_\_ne peel      *n.* a sweet, juicy citrus fruit that is smaller and sweeter than an orange, usually with a reddish-orange peel
43. di\_\_\_\_\_fy my portfolio      *v.* to make something include more different types or things; to spread out activities or investments
44. apo\_\_\_\_\_al text      *adj.* of doubtful or questionable authenticity; well known, but probably not true
45. col\_\_\_\_\_al polyp      *adj.* relating to or affecting both the colon (= a part of the large intestine) and the rectum (= a part of the digestive system), often used to refer to medical conditions of the lower digestive system
46. re\_\_\_\_\_ve allele      *adj.* of or relating to the state of the economy declines; (of a gene) controlling a characteristic that is expressed only when a dominant allele is not present

ANSWERS: 36. condemn, 37. overestimate, 38. empower, 39. underestimate, 40. hectare, 41. excite, 42. tangerine, 43. diversify, 44. apocryphal, 45. colorectal, 46. recessive

47. pulmonary fi\_\_\_\_\_is      *n.* the formation of excess fibrous connective tissue in an organ or tissue, often associated with inflammation, scarring, or injury; a pathological condition that can affect various organs and tissues of the body, leading to impaired function and potential organ failure
48. insulin v\_\_\_l      *n.* a small glass container, especially one containing liquid medicine or perfume
49. tr\_\_\_\_\_a blockage      *n.* the tube-like structure in the body through which air moves from the larynx (= a part of the human respiratory system located in the neck region) to the bronchi (= part of the respiratory system and are responsible for conducting air into the lungs), also known as the windpipe
50. talented ph\_\_\_\_\_st      *n.* a scientist who specializes in the field of physics
51. ca\_\_\_\_\_r donor      *n.* a dead body, especially one used for scientific study or medical research
52. re\_\_\_w hair      *v.* to grow back or regenerate after being cut or removed, such as cells or tissues in the body, or plants and vegetation
53. em\_\_\_\_\_r my life      *v.* to give someone the power or authority to do something
54. go through a mir\_\_\_\_\_us change      *adj.* very effective or lucky, or completely unexpected
55. sp\_\_k of suspicion      *n.* a very small spot, piece, or amount

ANSWERS: 47. fibrosis, 48. vial, 49. trachea, 50. physicist, 51. cadaver, 52. regrow, 53. empower, 54. miraculous, 55. speck

56. loud p\_\_p *n.* a short and soft sound like that of a small object dropping into water without a splash; (verb) drop with the sound of something falling into water
57. mo\_\_\_\_\_to bite *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
58. ca\_\_\_\_\_r lab *n.* a dead body, especially one used for scientific study or medical research
59. un\_\_\_k a crate *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
60. und\_\_\_\_\_ate the probability *v.* to think or suppose that a quantity, price, or size is smaller than it is

ANSWERS: 56. plop, 57. mosquito, 58. cadaver, 59. unpack, 60. underestimate

## Session 3: Fill in the Blanks

1. The news of her promotion \_\_\_\_\_ her.
  - v. to make someone feel suddenly enthusiastic or eager
  
2. Inhaling irritants can cause inflammation of the \_\_\_\_\_ and lead to coughing.
  - n. the tube-like structure in the body through which air moves from the larynx (= a part of the human respiratory system located in the neck region) to the bronchi (= part of the respiratory system and are responsible for conducting air into the lungs), also known as the windpipe
  
3. They frequently \_\_\_\_\_ their abilities and felt inferior.
  - v. to think or suppose that a quantity, price, or size is smaller than it is
  
4. The doctor diagnosed him with cardiac \_\_\_\_\_ which put him at risk for heart failure.
  - n. the formation of excess fibrous connective tissue in an organ or tissue, often associated with inflammation, scarring, or injury; a pathological condition that can affect various organs and tissues of the body, leading to impaired function and potential organ failure
  
5. 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
  
6. The government was \_\_\_\_\_ for its handling of the crisis.
  - v. to express strong disapproval or criticism of something
  
7. The patient was sent for an X-ray to determine the cause of the \_\_\_\_\_ in her abdomen.
  - n. a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment

ANSWERS: 1. excited, 2. trachea, 3. underestimated, 4. fibrosis, 5. unpack, 6. condemned, 7. cyst

8. The company \_\_\_\_\_ employees to buy low-price items without approval to achieve efficient purchasing.
- v.* to give someone the power or authority to do something
9. This medication is sealed in a \_\_\_\_\_.
- n.* a small glass container, especially one containing liquid medicine or perfume
10. The ball fell into the water with a \_\_\_\_\_.
- n.* a short and soft sound like that of a small object dropping into water without a splash; (verb) drop with the sound of something falling into water
11. He tends to \_\_\_\_\_ his abilities.
- v.* to estimate something to be greater in amount or importance than it really is
12. The \_\_\_\_\_ Kepler-186f is located 500 light-years from Earth and is believed to be habitable.
- n.* a planet that orbits a star outside of the solar system
13. Lizards can \_\_\_\_\_ their tails if they are cut off.
- v.* to grow back or regenerate after being cut or removed, such as cells or tissues in the body, or plants and vegetation
14. A stagnant water area are breeding ground for \_\_\_\_\_.
- n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
15. The patient presented with a painful right inguinal \_\_\_\_\_.
- n.* a swollen and painful lymph node, often caused by a bacterial infection such as the bubonic plague

ANSWERS: 8. empowered, 9. vial, 10. plop, 11. overestimate, 12. exoplanet, 13. regrow, 14. mosquitos, 15. bubo



16. The story of George Washington and the cherry tree is likely \_\_\_\_\_ but still taught in schools.

*adj.* of doubtful or questionable authenticity; well known, but probably not true

17. The hospital received a donation of \_\_\_\_\_ for their research program.

*n.* a dead body, especially one used for scientific study or medical research

18. Terrorists often attempt to \_\_\_\_\_ the economic impact of their acts of destruction.

*v.* to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder

19. The outbreak of \_\_\_\_\_ was a major health crisis in the 19th century.

*n.* a severe infectious disease that causes acute diarrhea, vomiting, and dehydration, often resulting in a rapid and dangerous loss of body fluids and electrolytes

20. She put the baby in the portable \_\_\_\_\_ for a nap.

*n.* a small, enclosed bed for a baby, typically on rockers

21. A healthy diet and regular exercise can help reduce the risk of developing \_\_\_\_\_ cancer.

*adj.* relating to or affecting both the colon (= a part of the large intestine) and the rectum (= a part of the digestive system), often used to refer to medical conditions of the lower digestive system

22. Einstein was an outstanding and famous \_\_\_\_\_ of the 20th century.

*n.* a scientist who specializes in the field of physics

23. I love the taste of fresh \_\_\_\_\_ juice in the morning.

*n.* a sweet, juicy citrus fruit that is smaller and sweeter than an orange, usually with a reddish-orange peel

ANSWERS: 16. apocryphal, 17. cadavers, 18. magnify, 19. cholera, 20. crib, 21. colorectal, 22. physicist, 23. tangerine

24. The farm spans over 100 \_\_\_\_\_ of land.

*n.* a unit of area equal to 10,000 square meters

25. The plane was just a \_\_\_\_\_ in the sky.

*n.* a very small spot, piece, or amount

26. He made a \_\_\_\_\_ recovery.

*adj.* very effective or lucky, or completely unexpected

27. 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.

28. The \_\_\_\_\_ gene for blue eyes is only expressed when both parents carry the gene.

*adj.* of or relating to the state of the economy declines; (of a gene) controlling a characteristic that is expressed only when a dominant allele is not present

29. The gut \_\_\_\_\_ is a major producer of serotonin, which is necessary for human mental stability.

*n.* the community of microorganisms (= living things too small to be seen) that can usually be found living together in any given environment or the human body

30. This inclusive environment has allowed the plant species to \_\_\_\_\_.

*v.* to make something include more different types or things; to spread out activities or investments

ANSWERS: 24. hectares, 25. speck, 26. miraculous, 27. photosynthesis, 28. recessive, 29. microbiome, 30. diversify