

# Englist.me



## Vocabulary Builder Reference from...

*Jonathan Rossiter: A robot that eats pollution | TED Talk*

[https://www.ted.com/talks/jonathan\\_rossiter\\_a\\_robot\\_that\\_eats\\_pollution](https://www.ted.com/talks/jonathan_rossiter_a_robot_that_eats_pollution)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### humanoid

*n.* a machine or creature that has a body shape similar to that of a human

*synonym*: android, anthropomorphic

(1) **humanoid** hand, (2) **humanoid** design

The **humanoid** robot was able to mimic human movements and expressions.

### nit

*n.* the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person

(1) **nit** in the dog's fur, (2) she is a little **nit**

Careful brushing can remove **nit**.

### algae

*n.* A simple plant that grows in or near water and lacks typical leaves and roots

(1) **algae** biofuel, (2) blue **algae**

**Algae** has jammed the inlet to the water turbine.

### starve

*v.* to suffer or die from lack of food; to cause someone or something to suffer or die from lack of food; to deprive something of necessary nourishment or sustenance

*synonym*: famish, hunger

(1) **starve** for a victory, (2) **starve** to death

If you don't eat soon, you're going to **starve**.

## bask

*v.* to expose oneself to warmth, sunlight, or enjoyment with a pleasant feeling of relaxation and contentment

*synonym* : sunbathe, lounge, relax

(1) **bask** in the sun, (2) **bask** in the attention

The lizard **basked** on the warm rock for hours.

## carnivorous

*adj.* feeding on the flesh of other animals

*synonym* : meat-eating, predatory, flesh-eating

(1) **carnivorous** cell, (2) aquatic **carnivorous** mammal

The **carnivorous** dinosaur preyed on other animals.

## plankton

*n.* tiny forms of plant and animal life that live in water or air on which other animals feed

(1) **plankton** blooms, (2) **plankton** community

**Plankton** is generally the foundation of the ocean food chain.

## chug

*v.* to make a dull, steady, and repetitive sound, as if from an engine or machine; to drink, especially alcohol, quickly and in large quantities; (noun) the sound made by a vehicle, particularly a train or a boat, as it moves steadily and slowly

*synonym* : chuff, puff, toot

(1) **chug** on a cigarette, (2) **chug** beer

The old locomotive **chugged** slowly along the tracks, pulling a long line of freight cars.

## paddle

*n.* a flat, usually wooden implement with a handle used for stirring, mixing, or beating a liquid or substance

*synonym* : oar, oarlock, scull

(1) **paddle** strokes, (2) canoe **paddle**

The **paddle** boarders glided across the crystal-clear waters of the cove.

## derriere

*n.* the buttocks, especially in a woman; a polite or euphemistic term for the posterior or hindquarters

*synonym* : buttocks, rear end, bottom

(1) tight **derriere**, (2) **derriere** pants

She wore a dress that hugged her **derriere** perfectly.

## 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.

## electrify

*v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

*synonym*: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

## digestion

*n.* the process of breaking down food in the body into smaller, more usable components, typically involving enzymes and other bodily processes; the process of assimilating, understanding, or absorbing information or ideas

*synonym*: absorption, assimilation, metabolism

(1) poor **digestion**, (2) impaired **digestion**

Overeating can lead to discomfort and slower **digestion**.

## slick

*adj.* smoothly polished and shiny; cleverly and smoothly done; well-organized and efficient

*synonym*: smooth, polished, shiny

(1) a **slick** operation, (2) **slick** design

The politician gave a **slick** speech, but it was full of empty promises.

## biodegrade

*v.* to decay naturally by microorganisms, such as bacteria and fungi

(1) **biodegrade** by the microorganism, (2) bioplastic designed to **biodegrade**

The company's plastic products are easily **biodegraded** thanks to a unique manufacturing process.

## degrade

*v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

*synonym*: demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

## robotic

*adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

*synonym*: automated, mechanical, laborsaving

(1) **robotic** arm, (2) **robotic** guide operation

The surgeon removed the tumor using **robotic** video assistance.

## pretension

*n.* the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition

*synonym*: presumption, pretense, affectation

(1) **pretension** to authority, (2) baseless **pretension**

His **pretensions** of being a gourmet were quickly exposed when he could not identify basic herbs and spices.

## chew

*v.* to crush or grind something, especially food, with the teeth and then swallow it

*synonym*: masticate, crush, grind

(1) **chew** each word, (2) **chew** a stick of gum

My dog loves to **chew** on bones.

## intestine

*n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and

eliminating waste products

*synonym* : gut, bowel, tract

(1) large **intestine**, (2) **intestine** wall

The small **intestine** is responsible for absorbing most of the nutrients from food.

## **ulcer**

*n.* a sore or erosion in the skin or mucous membrane, often caused by infection or inflammation; a persistent, painful cavity in the stomach or intestinal wall that can lead to digestive problems

*synonym* : lesion, sore, wound

(1) mouth **ulcer**, (2) gastric **ulcer**

The stress of the job caused him to develop an **ulcer** in his stomach.

## Session 2: Spelling

- |                                    |      |   |
|------------------------------------|------|---|
| 1. c__w each word                  | v.   | to crush or grind something, especially food, with the teeth and then swallow it  |
| 2. c__w a stick of gum             | v.   | to crush or grind something, especially food, with the teeth and then swallow it  |
| 3. bio_____de by the microorganism | v.   | to decay naturally by microorganisms, such as bacteria and fungi  |
| 4. b__k in the sun                 | v.   | to expose oneself to warmth, sunlight, or enjoyment with a pleasant feeling of relaxation and contentment   |
| 5. gastric ul__r                   | n.   | a sore or erosion in the skin or mucous membrane, often caused by infection or inflammation; a persistent, painful cavity in the stomach or intestinal wall that can lead to digestive problems   |
| 6. aquatic car_____us mammal       | adj. | feeding on the flesh of other animals   |
| 7. pathogenic mi_____e             | n.   | a tiny living thing that can only be seen with a microscope and that may cause disease  |
| 8. mouth ul__r                     | n.   | a sore or erosion in the skin or mucous membrane, often caused by infection or inflammation; a persistent, painful cavity in the stomach or intestinal wall that can lead to digestive problems   |
| 9. c__g beer                       | v.   | to make a dull, steady, and repetitive sound, as if from an engine or machine; to drink, especially alcohol, quickly and in large quantities; (noun) the sound made by a vehicle, particularly a train or a boat, as it moves steadily and slowly |

ANSWERS: 1. chew, 2. chew, 3. biodegrade, 4. bask, 5. ulcer, 6. carnivorous, 7. microbe, 8. ulcer, 9. chug

10. bioplastic designed to bio\_\_\_\_\_de      *v.*    to decay naturally by microorganisms, such as bacteria and fungi
11. de\_\_\_\_\_e his public image      *v.*    to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
12. blue al\_\_e      *n.*    A simple plant that grows in or near water and lacks typical leaves and roots
13. hu\_\_\_\_\_id hand      *n.*    a machine or creature that has a body shape similar to that of a human
14. hu\_\_\_\_\_id design      *n.*    a machine or creature that has a body shape similar to that of a human
15. ro\_\_\_\_\_c arm      *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
16. de\_\_\_\_\_re pants      *n.*    the buttocks, especially in a woman; a polite or euphemistic term for the posterior or hindquarters
17. b\_\_k in the attention      *v.*    to expose oneself to warmth, sunlight, or enjoyment with a pleasant feeling of relaxation and contentment
18. large in\_\_\_\_\_ne      *n.*    a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
19. pl\_\_\_\_\_on blooms      *n.*    tiny forms of plant and animal life that live in water or air on which other animals feed

ANSWERS: 10. biodegrade, 11. degrade, 12. algae, 13. humanoid, 14. humanoid, 15. robotic, 16. derriere, 17. bask, 18. intestine, 19. plankton

20. canoe pa\_\_\_e *n.* a flat, usually wooden implement with a handle used for stirring, mixing, or beating a liquid or substance
21. baseless pre\_\_\_\_\_on *n.* the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition
22. el\_\_\_\_\_fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
23. al\_\_e biofuel *n.* A simple plant that grows in or near water and lacks typical leaves and roots
24. poor di\_\_\_\_\_on *n.* the process of breaking down food in the body into smaller, more usable components, typically involving enzymes and other bodily processes; the process of assimilating, understanding, or absorbing information or ideas
25. tight de\_\_\_\_\_re *n.* the buttocks, especially in a woman; a polite or euphemistic term for the posterior or hindquarters
26. el\_\_\_\_\_fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
27. n\_t in the dog's fur *n.* the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person

ANSWERS: 20. paddle, 21. pretension, 22. electrify, 23. algae, 24. digestion, 25. derriere, 26. electrify, 27. nit



28. st\_\_\_e to death      *v.* to suffer or die from lack of food; to cause someone or something to suffer or die from lack of food; to deprive something of necessary nourishment or sustenance
29. de\_\_\_\_\_e environmental quality      *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
30. pl\_\_\_\_\_on community      *n.* tiny forms of plant and animal life that live in water or air on which other animals feed
31. mi\_\_\_\_\_es sterilizer      *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
32. ro\_\_\_\_\_c guide operation      *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
33. impaired di\_\_\_\_\_on      *n.* the process of breaking down food in the body into smaller, more usable components, typically involving enzymes and other bodily processes; the process of assimilating, understanding, or absorbing information or ideas
34. c\_\_g on a cigarette      *v.* to make a dull, steady, and repetitive sound, as if from an engine or machine; to drink, especially alcohol, quickly and in large quantities; (noun) the sound made by a vehicle, particularly a train or a boat, as it moves steadily and slowly

ANSWERS: 28. starve, 29. degrade, 30. plankton, 31. microbe, 32. robotic, 33. digestion, 34. chug

35. pre\_\_\_\_\_on to authority *n.* the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition
36. sl\_\_k design *adj.* smoothly polished and shiny; cleverly and smoothly done; well-organized and efficient
37. she is a little n\_t *n.* the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person
38. a sl\_\_k operation *adj.* smoothly polished and shiny; cleverly and smoothly done; well-organized and efficient
39. in\_\_\_\_\_ne wall *n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
40. car\_\_\_\_\_us cell *adj.* feeding on the flesh of other animals
41. st\_\_\_e for a victory *v.* to suffer or die from lack of food; to cause someone or something to suffer or die from lack of food; to deprive something of necessary nourishment or sustenance
42. pa\_\_\_e strokes *n.* a flat, usually wooden implement with a handle used for stirring, mixing, or beating a liquid or substance

ANSWERS: 35. pretension, 36. slick, 37. nit, 38. slick, 39. intestine, 40. carnivorous, 41. starve, 42. paddle

## Session 3: Fill in the Blanks

1. She wore a dress that hugged her \_\_\_\_\_ perfectly.  
*n.* the buttocks, especially in a woman; a polite or euphemistic term for the posterior or hindquarters
  
2. The stress of the job caused him to develop an \_\_\_\_\_ in his stomach.  
*n.* a sore or erosion in the skin or mucous membrane, often caused by infection or inflammation; a persistent, painful cavity in the stomach or intestinal wall that can lead to digestive problems
  
3. The politician gave a \_\_\_\_\_ speech, but it was full of empty promises.  
*adj.* smoothly polished and shiny; cleverly and smoothly done; well-organized and efficient
  
4. Careful brushing can remove \_\_\_\_\_.  
*n.* the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person
  
5. Overeating can lead to discomfort and slower \_\_\_\_\_.  
*n.* the process of breaking down food in the body into smaller, more usable components, typically involving enzymes and other bodily processes; the process of assimilating, understanding, or absorbing information or ideas
  
6. The \_\_\_\_\_ dinosaur preyed on other animals.  
*adj.* feeding on the flesh of other animals
  
7. His \_\_\_\_\_ of being a gourmet were quickly exposed when he could not identify basic herbs and spices.  
*n.* the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition

ANSWERS: 1. derriere, 2. ulcer, 3. slick, 4. nit, 5. digestion, 6. carnivorous, 7. pretensions

8. The \_\_\_\_\_ boarders glided across the crystal-clear waters of the cove.  
*n.* a flat, usually wooden implement with a handle used for stirring, mixing, or beating a liquid or substance
9. The \_\_\_\_\_ robot was able to mimic human movements and expressions.  
*n.* a machine or creature that has a body shape similar to that of a human
10. You should not \_\_\_\_\_ yourself by allowing them to use you.  
*v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
11. The lizard \_\_\_\_\_ on the warm rock for hours.  
*v.* to expose oneself to warmth, sunlight, or enjoyment with a pleasant feeling of relaxation and contentment
12. The surgeon removed the tumor using \_\_\_\_\_ video assistance.  
*adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
13. My dog loves to \_\_\_\_\_ on bones.  
*v.* to crush or grind something, especially food, with the teeth and then swallow it
14. The company's plastic products are easily \_\_\_\_\_ thanks to a unique manufacturing process.  
*v.* to decay naturally by microorganisms, such as bacteria and fungi
15. If you don't eat soon, you're going to \_\_\_\_\_.  
*v.* to suffer or die from lack of food; to cause someone or something to suffer or die from lack of food; to deprive something of necessary nourishment or sustenance

ANSWERS: 8. paddle, 9. humanoid, 10. degrade, 11. basked, 12. robotic, 13. chew, 14. biodegraded, 15. starve

16. \_\_\_\_\_ 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
17. \_\_\_\_\_ is generally the foundation of the ocean food chain.  
*n.* tiny forms of plant and animal life that live in water or air on which other animals feed
18. The small \_\_\_\_\_ is responsible for absorbing most of the nutrients from food.  
*n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
19. \_\_\_\_\_ has jammed the inlet to the water turbine.  
*n.* A simple plant that grows in or near water and lacks typical leaves and roots
20. The product developed through years of research continues to \_\_\_\_\_ the market.  
*v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
21. The old locomotive \_\_\_\_\_ slowly along the tracks, pulling a long line of freight cars.  
*v.* to make a dull, steady, and repetitive sound, as if from an engine or machine; to drink, especially alcohol, quickly and in large quantities; (noun) the sound made by a vehicle, particularly a train or a boat, as it moves steadily and slowly

ANSWERS: 16. Microbes, 17. Plankton, 18. intestine, 19. Algae, 20. electrify, 21. chugged