

# Englist.me



## Vocabulary Builder Reference from...

*Matt Beane: How do we learn to work with intelligent machines? | TED Talk*

[https://www.ted.com/talks/matt\\_beane\\_how\\_do\\_we\\_earn\\_to\\_work\\_with\\_intelligent\\_machines](https://www.ted.com/talks/matt_beane_how_do_we_earn_to_work_with_intelligent_machines)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### sparing

*adj.* characterized by using or giving very little of something; frugal or economical in the use of resources or materials

*synonym*: frugal, economical, thrifty

(1) a **sparing** amount of sugar, (2) time **sparing**

The **sparing** use of resources is important for conservation efforts.

### dissection

*n.* the act or process of cutting up or dividing something to examine it

*synonym*: cutting, slicing, dissecting

(1) **dissection** process, (2) **dissection** specimen

The **dissection** of the frog revealed its internal anatomy.

### erectile

*adj.* characterized by the ability to become physically erect, particularly in sexual function

*synonym*: raised, standing, cavernous

(1) **erectile** dysfunction, (2) **erectile** tissues

The drug was found to have significant **erectile** side effects in clinical trials.

### incision

*n.* a sharp cut made in something with a sharp tool, especially during a medical procedure

*synonym*: cut, slit, laceration

(1) **incision** tool, (2) small **incision**

Patients undergoing **incisional** surgery are often put to sleep by anesthesia.

## abdomen

*n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments

*synonym*: belly, gut, tummy

(1) **abdomen** pain, (2) insect **abdomen**

The weightlifter used his strong **abdomen** muscles to lift the heavy barbell.

## clamp

*v.* to fasten or secure something tightly, often using a tool or device called a clamp; to restrict something or someone's freedom or movement; (noun) a device used to secure, fasten, or hold objects together; a mass or group of things that are held or gathered tightly together

*synonym*: fasten, secure, hold tight

(1) **clamp** down on extremism, (2) **clamp** coupling

He used a wrench to **clamp** down the pipes tightly.

## scrub

*v.* to clean something thoroughly, typically with a brush and soap or detergent

*synonym*: clean, wash, sanitize

(1) **scrub** off graffiti, (2) **scrub** dirt from potatoes

She decided to **scrub** the kitchen floor to remove all the dirt and grime.

## suture

*n.* a stitch or series of stitches used to hold together the edges of a wound or incision so that it can heal; a line of junction between two bones, particularly in the skull of an animal or human

*synonym*: stitch, seam

(1) surgical **suture**, (2) **suture** thread

The surgeon used a special **suture** to close the wound.

## fascinate

*v.* to attract and hold the attention of someone deeply and irresistibly

*synonym* : captivate, intrigue, mesmerize

(1) **fascinate** the public, (2) **fascinate** the young

The magic tricks **fascinated** the children.

## apprentice

*n.* a person who works for and learns from a skilled employer to become a skilled worker themselves

*synonym* : learner, trainee, protégé

(1) **apprentice** carpenter, (2) a young **apprentice**

He took on an **apprentice** to teach him the trade.

## mentorship

*n.* a relationship in which a more experienced or more knowledgeable person helps to guide a less experienced or less knowledgeable person

*synonym* : guidance, coaching, tutorship

(1) **mentorship** program, (2) under his **mentorship**

He was grateful for the **mentorship** opportunity given to him by his supervisor.

## industrious

*adj.* hardworking, diligent, and persistent in effort

*synonym* : diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

## 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.

## dunce

*n.* a person who is considered stupid or slow-witted; a person who lacks intelligence or common sense

*synonym* : dullard, idiot, ignoramus

(1) **dunce** cap, (2) the technology **dunce**

The teacher referred to the struggling student as a **dunce** in front of the class.

## peel

v. to remove the skin of fruit and vegetables

*synonym*: pare, unclothe, disrobe

(1) **peel** a fruit, (2) **peel** off easily

The storm had **peeled** all paint off the siding.

## outsource

v. to contract out or transfer a job, task, or service to an external organization or party, often as a cost-saving measure

*synonym*: delegate, contract out, farm out

(1) **outsource** a non-core function, (2) **outsource** to India

The company decided to **outsource** its IT services to a third-party provider.

## hands-on

*adj.* actively involved, practical; having hands involved in the doing or making of something

*synonym*: practical, involved, hands-in

(1) **hands-on** activity, (2) take a **hands-on** approach

The **hands-on** workshop allowed attendees to work with tools and materials, developing their skills in a hands-on environment.

## limelight

*n.* a bright light produced by heating a piece of lime in an oxygen-hydrogen flame; a metaphorical expression meaning to be the center of attention or in the public eye

*synonym*: spotlight, public attention, center stage

(1) **limelight** actor, (2) step into the **limelight**

The actor was in the **limelight** for his outstanding performance in the play.

## backstop

*n.* a barrier or obstacle used to prevent something from proceeding past a certain point; a person or position that serves as protection or support in case of difficulty or failure

*synonym* : support, reinforcement, backup

(1) **backstop** agreement, (2) financial **backstop**

The new regulations serve as a **backstop** to prevent future environmental disasters.

## **catastrophe**

*n.* a sudden event that causes extreme ruin and misfortune

*synonym* : disaster, calamity, cataclysm

(1) **catastrophe** risk management, (2) avoid climate

**catastrophe**

The lack of funds has resulted in a **catastrophe** for our university system.

## **downrange**

*adj.* located or directed towards a target range or shooting range, often used in military or firearms contexts to refer to the area where bullets or artillery rounds will land

*synonym* : downfield, ballistic, target-bound

(1) conduct **downrange** analysis, (2) **downrange** distance

The **downrange** impact of this policy change is likely to be substantial.

## Session 2: Spelling

1. insect ab\_\_\_\_n  
*n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
2. er\_\_\_\_le tissues  
*adj.* characterized by the ability to become physically erect, particularly in sexual function
3. ind\_\_\_\_us student  
*adj.* hardworking, diligent, and persistent in effort
4. dis\_\_\_\_on process  
*n.* the act or process of cutting up or dividing something to examine it
5. 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
6. fa\_\_\_\_te the young  
*v.* to attract and hold the attention of someone deeply and irresistibly
7. ha\_\_\_\_on activity  
*adj.* actively involved, practical; having hands involved in the doing or making of something
8. p\_\_l off easily  
*v.* to remove the skin of fruit and vegetables
9. a sp\_\_\_\_g amount of sugar  
*adj.* characterized by using or giving very little of something; frugal or economical in the use of resources or materials

ANSWERS: 1. abdomen, 2. erectile, 3. industrious, 4. dissection, 5. robotic, 6. fascinate, 7. hands-on, 8. peel, 9. sparing

10. cat\_\_\_\_\_he risk management      *n.* a sudden event that causes extreme ruin and misfortune
11. conduct do\_\_\_\_\_ge analysis      *adj.* located or directed towards a target range or shooting range, often used in military or firearms contexts to refer to the area where bullets or artillery rounds will land
12. ind\_\_\_\_\_us worker      *adj.* hardworking, diligent, and persistent in effort
13. app\_\_\_\_\_ce carpenter      *n.* a person who works for and learns from a skilled employer to become a skilled worker themselves
14. small in\_\_\_\_\_on      *n.* a sharp cut made in something with a sharp tool, especially during a medical procedure
15. men\_\_\_\_\_ip program      *n.* a relationship in which a more experienced or more knowledgeable person helps to guide a less experienced or less knowledgeable person
16. ba\_\_\_\_\_op agreement      *n.* a barrier or obstacle used to prevent something from proceeding past a certain point; a person or position that serves as protection or support in case of difficulty or failure
17. the technology du\_\_e      *n.* a person who is considered stupid or slow-witted; a person who lacks intelligence or common sense
18. cl\_\_p coupling      *v.* to fasten or secure something tightly, often using a tool or device called a clamp; to restrict something or someone's freedom or movement; (noun) a device used to secure, fasten, or hold objects together; a mass or group of things that are held or gathered tightly together

ANSWERS: 10. catastrophe, 11. downrange, 12. industrious, 13. apprentice, 14.

incision, 15. mentorship, 16. backstop, 17. dunce, 18. clamp



19. dis\_\_\_\_\_on specimen *n.* the act or process of cutting up or dividing something to examine it
20. p\_\_l a fruit *v.* to remove the skin of fruit and vegetables
21. cl\_\_p down on extremism *v.* to fasten or secure something tightly, often using a tool or device called a clamp; to restrict something or someone's freedom or movement; (noun) a device used to secure, fasten, or hold objects together; a mass or group of things that are held or gathered tightly together
22. ab\_\_\_\_\_n pain *n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
23. surgical su\_\_\_e *n.* a stitch or series of stitches used to hold together the edges of a wound or incision so that it can heal; a line of junction between two bones, particularly in the skull of an animal or human
24. avoid climate cat\_\_\_\_\_he *n.* a sudden event that causes extreme ruin and misfortune
25. step into the li\_\_\_\_\_ht *n.* a bright light produced by heating a piece of lime in an oxygen-hydrogen flame; a metaphorical expression meaning to be the center of attention or in the public eye
26. financial ba\_\_\_\_\_op *n.* a barrier or obstacle used to prevent something from proceeding past a certain point; a person or position that serves as protection or support in case of difficulty or failure

ANSWERS: 19. dissection, 20. peel, 21. clamp, 22. abdomen, 23. suture, 24. catastrophe, 25. limelight, 26. backstop

27. time sp\_\_\_\_\_g *adj.* characterized by using or giving very little of something; frugal or economical in the use of resources or materials
28. fa\_\_\_\_\_te the public *v.* to attract and hold the attention of someone deeply and irresistibly
29. take a ha\_\_\_\_\_on approach *adj.* actively involved, practical; having hands involved in the doing or making of something
30. su\_\_\_\_\_e thread *n.* a stitch or series of stitches used to hold together the edges of a wound or incision so that it can heal; a line of junction between two bones, particularly in the skull of an animal or human
31. do\_\_\_\_\_ge distance *adj.* located or directed towards a target range or shooting range, often used in military or firearms contexts to refer to the area where bullets or artillery rounds will land
32. a young app\_\_\_\_\_ce *n.* a person who works for and learns from a skilled employer to become a skilled worker themselves
33. ou\_\_\_\_\_ce a non-core function *v.* to contract out or transfer a job, task, or service to an external organization or party, often as a cost-saving measure
34. under his men\_\_\_\_\_ip *n.* a relationship in which a more experienced or more knowledgeable person helps to guide a less experienced or less knowledgeable person
35. in\_\_\_\_\_on tool *n.* a sharp cut made in something with a sharp tool, especially during a medical procedure

ANSWERS: 27. sparing, 28. fascinate, 29. hands-on, 30. suture, 31. downrange, 32. apprentice, 33. outsource, 34. mentorship, 35. incision

36. 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
37. ou\_\_\_\_\_ce to India *v.* to contract out or transfer a job, task, or service to an external organization or party, often as a cost-saving measure
38. sc\_\_b dirt from potatoes *v.* to clean something thoroughly, typically with a brush and soap or detergent
39. du\_\_e cap *n.* a person who is considered stupid or slow-witted; a person who lacks intelligence or common sense
40. er\_\_\_\_\_le dysfunction *adj.* characterized by the ability to become physically erect, particularly in sexual function
41. li\_\_\_\_\_ht actor *n.* a bright light produced by heating a piece of lime in an oxygen-hydrogen flame; a metaphorical expression meaning to be the center of attention or in the public eye
42. sc\_\_b off graffiti *v.* to clean something thoroughly, typically with a brush and soap or detergent

ANSWERS: 36. robotic, 37. outsource, 38. scrub, 39. dunce, 40. erectile, 41. limelight, 42. scrub

## Session 3: Fill in the Blanks

1. He was known to be very \_\_\_\_\_ and would often work late into the night.  
*adj.* hardworking, diligent, and persistent in effort
2. The \_\_\_\_\_ use of resources is important for conservation efforts.  
*adj.* characterized by using or giving very little of something; frugal or economical in the use of resources or materials
3. 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
4. The drug was found to have significant \_\_\_\_\_ side effects in clinical trials.  
*adj.* characterized by the ability to become physically erect, particularly in sexual function
5. Patients undergoing \_\_\_\_\_ surgery are often put to sleep by anesthesia.  
*n.* a sharp cut made in something with a sharp tool, especially during a medical procedure
6. The \_\_\_\_\_ of the frog revealed its internal anatomy.  
*n.* the act or process of cutting up or dividing something to examine it
7. The new regulations serve as a \_\_\_\_\_ to prevent future environmental disasters.  
*n.* a barrier or obstacle used to prevent something from proceeding past a certain point; a person or position that serves as protection or support in case of difficulty or failure

ANSWERS: 1. industrious, 2. sparing, 3. robotic, 4. erectile, 5. incisional, 6. dissection, 7. backstop

8. She decided to \_\_\_\_\_ the kitchen floor to remove all the dirt and grime.  
*v.* to clean something thoroughly, typically with a brush and soap or detergent
9. The magic tricks \_\_\_\_\_ the children.  
*v.* to attract and hold the attention of someone deeply and irresistibly
10. The actor was in the \_\_\_\_\_ for his outstanding performance in the play.  
*n.* a bright light produced by heating a piece of lime in an oxygen-hydrogen flame; a metaphorical expression meaning to be the center of attention or in the public eye
11. The lack of funds has resulted in a \_\_\_\_\_ for our university system.  
*n.* a sudden event that causes extreme ruin and misfortune
12. The weightlifter used his strong \_\_\_\_\_ muscles to lift the heavy barbell.  
*n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
13. The surgeon used a special \_\_\_\_\_ to close the wound.  
*n.* a stitch or series of stitches used to hold together the edges of a wound or incision so that it can heal; a line of junction between two bones, particularly in the skull of an animal or human
14. The \_\_\_\_\_ workshop allowed attendees to work with tools and materials, developing their skills in a hands-on environment.  
*adj.* actively involved, practical; having hands involved in the doing or making of something
15. He was grateful for the \_\_\_\_\_ opportunity given to him by his supervisor.  
*n.* a relationship in which a more experienced or more knowledgeable person helps to guide a less experienced or less knowledgeable person

ANSWERS: 8. scrub, 9. fascinated, 10. limelight, 11. catastrophe, 12. abdomen, 13. suture, 14. hands-on, 15. mentorship

16. The company decided to \_\_\_\_\_ its IT services to a third-party provider.
- v.* to contract out or transfer a job, task, or service to an external organization or party, often as a cost-saving measure
17. He took on an \_\_\_\_\_ to teach him the trade.
- n.* a person who works for and learns from a skilled employer to become a skilled worker themselves
18. The teacher referred to the struggling student as a \_\_\_\_\_ in front of the class.
- n.* a person who is considered stupid or slow-witted; a person who lacks intelligence or common sense
19. He used a wrench to \_\_\_\_\_ down the pipes tightly.
- v.* to fasten or secure something tightly, often using a tool or device called a clamp; to restrict something or someone's freedom or movement; (noun) a device used to secure, fasten, or hold objects together; a mass or group of things that are held or gathered tightly together
20. The \_\_\_\_\_ impact of this policy change is likely to be substantial.
- adj.* located or directed towards a target range or shooting range, often used in military or firearms contexts to refer to the area where bullets or artillery rounds will land
21. The storm had \_\_\_\_\_ all paint off the siding.
- v.* to remove the skin of fruit and vegetables

ANSWERS: 16. outsource, 17. apprentice, 18. dunce, 19. clamp, 20. downrange, 21. peeled