

# Englist.me



## Vocabulary Builder Reference from...

Michael Bodekaer: This virtual lab will revolutionize science class | TED Talk

[https://www.ted.com/talks/michael\\_bodekaer\\_this\\_virtual\\_lab\\_will\\_revolutionize\\_science\\_class](https://www.ted.com/talks/michael_bodekaer_this_virtual_lab_will_revolutionize_science_class)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### revolutionize

v. to bring about a complete or radical change in something, often through the introduction of new methods or ideas

*synonym*: transform, innovate, modernize

(1) **revolutionize** the industry, (2) **revolutionize** the technology

The invention of the smartphone **revolutionized** the way we communicate with each other.

### improvisation

n. the act of making something up on the spot or creating or performing something without preparation

*synonym*: spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

### starvation

n. a severe lack of food that leads to malnutrition and, ultimately, death

*synonym*: hunger, malnutrition, emaciation

(1) die of **starvation**, (2) **starvation** wages

The drought led to widespread **starvation** in the region.

## cofounder

*n.* one of several people who establishes an organization or starts a business

(1) **cofounder** of the university, (2) late **cofounder**

He is the **cofounder** and chairman of this tech company.

## disengage

*v.* to withdraw or separate oneself from a situation or relationship

*synonym*: withdraw, separate, detach

(1) **disengage** the clutch, (2) **disengage** socially

He **disengaged** from the conversation and walked away.

## disappoint

*v.* to fail to meet someone or their hopes or expectations; to make someone feel sad

*synonym*: sadden, dismay, frustrate

(1) **disappoint** the audience, (2) don't **disappoint** me

She worked very hard not to **disappoint** her boss's expectations.

## blackboard

*n.* a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk

*synonym*: chalkboard, slate

(1) chalk on a **blackboard**, (2) electronic **blackboard**

The teacher asked me to rub out the **blackboard**.

## monologue

*n.* a solo speech or performance given by one person, typically in a theatrical or storytelling context, and often used to reveal aspects of the speaker's thoughts, feelings, or backstory

*synonym*: soliloquy, speech, address

(1) inner **monologue**, (2) deliver a **monologue**

The actor's **monologue** was so powerful that the audience was moved to tears.

## inflight

*adj.* happening or available during an aircraft flight

(1) **inflight** collision, (2) **inflight** meal

This aircraft offers free **inflight** Internet service.

## salmonella

*n.* a type of bacteria that causes food poisoning and other illnesses, commonly found in contaminated food or water

(1) **salmonella** infection, (2) detect **salmonella** contamination

A **salmonella** outbreak at the local restaurant caused many people to become sick.

## dashboard

*n.* a control panel set within the central console of a vehicle or small aircraft; a diagram that depicts critical information, typically one that provides a business overview

*synonym*: control panel

(1) auto **dashboard**, (2) business **dashboard**

He noticed that the oil warning light on the **dashboard** of his car had turned on.

## afterward

*adv.* after the time mentioned

*synonym*: later, thereafter, following

(1) a few years **afterward**, (2) go there **afterward**

We will explain the countermeasure concerning this problem **afterward**.

## confuse

*v.* to mistake one thing for another; to make somebody hard to understand

*synonym*: confound, obscure, disorient

(1) **confuse** the listener, (2) **confuse** fantasy with reality

Her remarks **confused** the debate.

## immerse

*v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

*synonym*: dip, inundate, submerge

(1) **immerse** the cloth in the dye, (2) completely **immerse** the ingredient

He **immersed** himself in his research.

## reimagine

v. to imagine or conceive of something in a new or different way

*synonym*: re-conceptualize, re-envision, re-create

(1) **reimagine** the future, (2) **reimagine** the possibilities

The company is trying to **reimagine** its business model to stay competitive.

## 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.

## smartphone

n. a mobile phone that functions as a computer and connects to the Internet

(1) **smartphone** app developer, (2) **smartphone** addict

Internet traffic volumes have increased significantly with the advent of **smartphones**.

## ivy

n. an evergreen climbing or ground-creeping woody plant that often grows up trees or buildings

(1) poison **ivy**, (2) **ivy** plant

The overgrown **ivy** cleaved to the ruined castle walls.

## pipette

n. a slender tube or tube-like instrument used for measuring small quantities of liquid, often with a bulb at one end that can be squeezed to draw liquid inside

*synonym*: dropper, tube

(1) **pipette** tip, (2) multi-channel **pipette**

After handling a toxic substance, she disposed of the contaminated **pipette** in the designated hazardous waste bin.

## teleport

v. to transport or transmit instantly from one location to another, typically using advanced technology or imagined supernatural powers

*synonym*: beam, transport, transmit

(1) **teleport** objects through space, (2) **teleport** to any location in the world

The magician seemed to **teleport** instantly from one side of the stage to the other.

## 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.

## groundbreaking

*adj.* producing fresh findings; using novel techniques  
*synonym*: innovative, revolutionary

(1) **groundbreaking** concept, (2) **groundbreaking** settlement

He has produced **groundbreaking** research on the subject.

## pancreas

*n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

*synonym*: gland, organ, islet

(1) **pancreas** inflammation, (2) **pancreas** function

The endocrine function of the **pancreas** involves the secretion of hormones such as insulin.

## inexperienced

*adj.* lacking experience or knowledge in a particular field or situation; not accustomed to a specific kind of work or activity

*synonym*: novice, green, unseasoned

(1) **inexperienced** actor, (2) **inexperienced** employee

The young doctor was **inexperienced** in handling such a complicated case.

## innovate

*v.* to introduce new methods, ideas, or products  
*synonym*: bring in, introduce, found

(1) **innovate** a new method, (2) **innovate** the quality of his

life

Companies developing self-driving cars consistently **innovate** the emerging technologies.

## Session 2: Spelling

- |  |      |   |
|--|------|---|
| 1. ex___e rebellion                      | v.   | to make someone feel suddenly enthusiastic or eager   |
| 2. in_____te the quality of his life     | v.   | to introduce new methods, ideas, or products  |
| 3. em_____r the secretary to do the same | v.   | to give someone the power or authority to do something  |
| 4. jazz imp_____ion                      | n.   | the act of making something up on the spot or creating or performing something without preparation                                  |
| 5. co_____e the listener                 | v.   | to mistake one thing for another; to make somebody hard to understand   |
| 6. gro_____ing concept                   | adj. | producing fresh findings; using novel techniques  |
| 7. ine_____ced employee                  | adj. | lacking experience or knowledge in a particular field or situation; not accustomed to a specific kind of work or activity           |
| 8. imp_____ion on stage                  | n.   | the act of making something up on the spot or creating or performing something without preparation                                  |
| 9. in_____te a new method                | v.   | to introduce new methods, ideas, or products  |
| 10. chalk on a bla_____rd                | n.   | a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk |

ANSWERS: 1. excite, 2. innovate, 3. empower, 4. improvisation, 5. confuse, 6. groundbreaking, 7. inexperienced, 8. improvisation, 9. innovate, 10. blackboard

11. di\_\_\_\_\_ge the clutch      *v.* to withdraw or separate oneself from a situation or relationship
12. co\_\_\_\_\_e fantasy with reality      *v.* to mistake one thing for another; to make somebody hard to understand
13. ine\_\_\_\_\_ced actor      *adj.* lacking experience or knowledge in a particular field or situation; not accustomed to a specific kind of work or activity
14. im\_\_\_\_\_e the cloth in the dye      *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
15. auto da\_\_\_\_\_rd      *n.* a control panel set within the central console of a vehicle or small aircraft; a diagram that depicts critical information, typically one that provides a business overview
16. rev\_\_\_\_\_ize the industry      *v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas
17. ex\_\_\_\_\_e the crowd      *v.* to make someone feel suddenly enthusiastic or eager
18. electronic bla\_\_\_\_\_rd      *n.* a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk
19. a few years af\_\_\_\_\_rd      *adv.* after the time mentioned
20. inner mo\_\_\_\_\_ue      *n.* a solo speech or performance given by one person, typically in a theatrical or storytelling context, and often used to reveal aspects of the speaker's thoughts, feelings, or backstory

ANSWERS: 11. disengage, 12. confuse, 13. inexperienced, 14. immerse, 15. dashboard, 16. revolutionize, 17. excite, 18. blackboard, 19. afterward, 20. monologue



21. deliver a mo\_\_\_\_\_ue *n.* a solo speech or performance given by one person, typically in a theatrical or storytelling context, and often used to reveal aspects of the speaker's thoughts, feelings, or backstory
22. completely im\_\_\_\_\_e the ingredient *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
23. pa\_\_\_\_\_as function *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine
24. business da\_\_\_\_\_rd *n.* a control panel set within the central console of a vehicle or small aircraft; a diagram that depicts critical information, typically one that provides a business overview
25. em\_\_\_\_\_r my life *v.* to give someone the power or authority to do something
26. sma\_\_\_\_\_ne addict *n.* a mobile phone that functions as a computer and connects to the Internet
27. pa\_\_\_\_\_as inflammation *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

ANSWERS: 21. monologue, 22. immerse, 23. pancreas, 24. dashboard, 25. empower, 26. smartphone, 27. pancreas

28. co\_\_\_\_\_er of the university *n.* one of several people who establishes an organization or starts a business
29. te\_\_\_\_\_rt to any location in the world *v.* to transport or transmit instantly from one location to another, typically using advanced technology or imagined supernatural powers
30. dis\_\_\_\_\_nt the audience *v.* to fail to meet someone or their hopes or expectations; to make someone feel sad
31. in\_\_\_\_\_ht meal *adj.* happening or available during an aircraft flight
32. pi\_\_\_\_\_e tip *n.* a slender tube or tube-like instrument used for measuring small quantities of liquid, often with a bulb at one end that can be squeezed to draw liquid inside
33. te\_\_\_\_\_rt objects through space *v.* to transport or transmit instantly from one location to another, typically using advanced technology or imagined supernatural powers
34. gro\_\_\_\_\_ing settlement *adj.* producing fresh findings; using novel techniques
35. sta\_\_\_\_\_on wages *n.* a severe lack of food that leads to malnutrition and, ultimately, death
36. late co\_\_\_\_\_er *n.* one of several people who establishes an organization or starts a business
37. rev\_\_\_\_\_ize the technology *v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas
38. re\_\_\_\_\_ne the possibilities *v.* to imagine or conceive of something in a new or different way

ANSWERS: 28. cofounder, 29. teleport, 30. disappoint, 31. inflight, 32. pipette, 33. teleport, 34. groundbreaking, 35. starvation, 36. cofounder, 37. revolutionize, 38. reimagine

39. don't dis\_\_\_\_\_nt me                    *v.*    to fail to meet someone or their hopes or expectations; to make someone feel sad
40. re\_\_\_\_\_ne the future                    *v.*    to imagine or conceive of something in a new or different way
41. di\_\_\_\_\_ge socially                    *v.*    to withdraw or separate oneself from a situation or relationship
42. i\_y plant                    *n.*    an evergreen climbing or ground-creeping woody plant that often grows up trees or buildings
43. poison i\_y                    *n.*    an evergreen climbing or ground-creeping woody plant that often grows up trees or buildings
44. in\_\_\_\_\_ht collision                    *adj.* happening or available during an aircraft flight
45. go there af\_\_\_\_\_rd                    *adv.* after the time mentioned
46. sal\_\_\_\_\_la infection                    *n.*    a type of bacteria that causes food poisoning and other illnesses, commonly found in contaminated food or water
47. sma\_\_\_\_\_ne app developer                    *n.*    a mobile phone that functions as a computer and connects to the Internet
48. detect sal\_\_\_\_\_la contamination                    *n.*    a type of bacteria that causes food poisoning and other illnesses, commonly found in contaminated food or water
49. multi-channel pi\_\_\_\_\_e                    *n.*    a slender tube or tube-like instrument used for measuring small quantities of liquid, often with a bulb at one end that can be squeezed to draw liquid inside

ANSWERS: 39. disappoint, 40. reimagine, 41. disengage, 42. ivy, 43. ivy, 44. inflight, 45. afterward, 46. salmonella, 47. smartphone, 48. salmonella, 49. pipette

50. die of sta\_\_\_\_\_on

*n.* a severe lack of food that leads to malnutrition and, ultimately, death

ANSWERS: 50. starvation

## Session 3: Fill in the Blanks

1. He noticed that the oil warning light on the \_\_\_\_\_ of his car had turned on.  
*n.* a control panel set within the central console of a vehicle or small aircraft; a diagram that depicts critical information, typically one that provides a business overview
2. The drought led to widespread \_\_\_\_\_ in the region.  
*n.* a severe lack of food that leads to malnutrition and, ultimately, death
3. The teacher asked me to rub out the \_\_\_\_\_.  
*n.* a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk
4. After handling a toxic substance, she disposed of the contaminated \_\_\_\_\_ in the designated hazardous waste bin.  
*n.* a slender tube or tube-like instrument used for measuring small quantities of liquid, often with a bulb at one end that can be squeezed to draw liquid inside
5. A \_\_\_\_\_ outbreak at the local restaurant caused many people to become sick.  
*n.* a type of bacteria that causes food poisoning and other illnesses, commonly found in contaminated food or water
6. The magician seemed to \_\_\_\_\_ instantly from one side of the stage to the other.  
*v.* to transport or transmit instantly from one location to another, typically using advanced technology or imagined supernatural powers
7. He is the \_\_\_\_\_ and chairman of this tech company.  
*n.* one of several people who establishes an organization or starts a business

ANSWERS: 1. dashboard, 2. starvation, 3. blackboard, 4. pipette, 5. salmonella, 6. teleport, 7. cofounder

8. She worked very hard not to \_\_\_\_\_ her boss's expectations.  
*v.* to fail to meet someone or their hopes or expectations; to make someone feel sad
9. The news of her promotion \_\_\_\_\_ her.  
*v.* to make someone feel suddenly enthusiastic or eager
10. We will explain the countermeasure concerning this problem \_\_\_\_\_.  
*adv.* after the time mentioned
11. The invention of the smartphone \_\_\_\_\_ the way we communicate with each other.  
*v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas
12. Companies developing self-driving cars consistently \_\_\_\_\_ the emerging technologies.  
*v.* to introduce new methods, ideas, or products
13. The young doctor was \_\_\_\_\_ in handling such a complicated case.  
*adj.* lacking experience or knowledge in a particular field or situation; not accustomed to a specific kind of work or activity
14. Internet traffic volumes have increased significantly with the advent of \_\_\_\_\_.  
*n.* a mobile phone that functions as a computer and connects to the Internet
15. The endocrine function of the \_\_\_\_\_ involves the secretion of hormones such as insulin.  
*n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

ANSWERS: 8. disappoint, 9. excited, 10. afterward, 11. revolutionized, 12. innovate, 13. inexperienced, 14. smartphones, 15. pancreas

16. The overgrown \_\_\_\_ cleaved to the ruined castle walls.

- n.* an evergreen climbing or ground-creeping woody plant that often grows up trees or buildings

17. Her remarks \_\_\_\_\_ the debate.

- v.* to mistake one thing for another; to make somebody hard to understand

18. The company is trying to \_\_\_\_\_ its business model to stay competitive.

- v.* to imagine or conceive of something in a new or different way

19. He \_\_\_\_\_ from the conversation and walked away.

- v.* to withdraw or separate oneself from a situation or relationship

20. This aircraft offers free \_\_\_\_\_ Internet service.

- adj.* happening or available during an aircraft flight

21. 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

22. He has produced \_\_\_\_\_ research on the subject.

- adj.* producing fresh findings; using novel techniques

23. He created a beautiful piece of music using only \_\_\_\_\_.

- n.* the act of making something up on the spot or creating or performing something without preparation

24. He \_\_\_\_\_ himself in his research.

- v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

ANSWERS: 16. ivy, 17. confused, 18. reimagine, 19. disengaged, 20. inflight, 21. empowered, 22. groundbreaking, 23. improvisation, 24. immersed

25. The actor's \_\_\_\_\_ was so powerful that the audience was moved to tears.
- n.* a solo speech or performance given by one person, typically in a theatrical or storytelling context, and often used to reveal aspects of the speaker's thoughts, feelings, or backstory

ANSWERS: 25. monologue