

# Englist.me



## Vocabulary Builder Reference from...

Marco Annunziata: Welcome to the age of the industrial internet | TED Talk

[https://www.ted.com/talks/marco\\_annunziata\\_welcome\\_to\\_the\\_age\\_of\\_the\\_industrial\\_internet](https://www.ted.com/talks/marco_annunziata_welcome_to_the_age_of_the_industrial_internet)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### 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.

### metamorphic

*adj.* (of geology) of or relating to a type of rock that has transformed by heat, pressure, or other natural processes, typically deep in the Earth's crust; undergoing a significant change in form or nature; of or pertaining to the transformation or alteration of something

*synonym*: transformative, changeable, alterable

(1) **metamorphic** materials, (2) **metamorphic** process

The mountain range was formed from **metamorphic** rocks that had undergone intense pressure and heat.

### prodigious

*adj.* remarkable or extraordinary in size, amount, or degree; extraordinary in ability or talent

*synonym*: extraordinary, remarkable, exceptional

(1) a **prodigious** storm, (2) **prodigious** talent

The **prodigious** artist's work was featured in a major museum exhibition.

## sift

*v.* to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles

*synonym*: filter, go through, sieve

(1) **sift** the candidates, (2) **sift** sand

The search engine helps **sift** information.

## locomotive

*n.* a powered rail vehicle used for pulling trains or railway cars; an engine that produces the necessary power for the train to move on the tracks

*synonym*: train, engine, motor

(1) **locomotive** engine, (2) diesel **locomotive**

The powerful **locomotive** chugged along the tracks, hauling a long line of freight cars.

## decouple

*v.* to disconnect or separate something from something else that it was joined to or part of previously

*synonym*: disunite, disjoint, break up

(1) **decouple** a power supply, (2) **decouple** a space shuttle

We have to **decouple** our foreign policy from ideology.

## unplanned

*adj.* not planned or intended; not having been prearranged or organized

*synonym*: spontaneous, impromptu, unforeseen

(1) an **unplanned** economy, (2) **unplanned** visit

The **unplanned** power outage caused much inconvenience.

## downtime

*n.* a period of time when a person or system is not active or operating, often due to technical issues or maintenance work

*synonym*: interruption, break, outage

(1) unexpected **downtime**, (2) system **downtime**

The factory had to schedule **downtime** for maintenance

work, causing a temporary shutdown in production

## 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.

## inconvenient

*adj.* causing trouble or difficulty; not convenient or suitable

*synonym*: troublesome, difficult, awkward

(1) face an **inconvenient** truth, (2) **inconvenient** for shopping

It was **inconvenient** for her to go out of her way to pick up the package.

## helpless

*adj.* unable to take care of oneself or to do things without help

*synonym*: defenseless, powerless, susceptible

(1) **helpless** baby, (2) **helpless** victims

I feel so **helpless** without you.

## turnaround

*n.* the amount of time needed to prepare a vessel or ship for a return trip; a change or improvement in the condition, performance, or affairs of something

*synonym*: recovery, improvement, reversal

(1) miraculous **turnaround**, (2) **turnaround** strategy

The company's **turnaround** was a result of new management strategies.

## neurology

*n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system

*synonym*: brain science, nervous system, neuropathology

(1) cognitive **neurology**, (2) **neurology** department

She is studying clinical **neurology** to become a brain surgeon.

## cardiologist

*n.* a medical doctor who specializes in the study and treatment of the heart and the circulatory system

*synonym*: heart doctor, heart specialist, cardiac specialist

(1) **cardiologist** appointment, (2) skilled **cardiologist**

My grandfather is seeing a **cardiologist** to monitor his heart condition.

## orthopedic

*adj.* relating to the branch of medicine concerned with the correction or prevention of deformities, disorders, or injuries of the skeletal system and associated muscles, joints, and ligaments

*synonym*: skeletal, musculoskeletal, bone-related

(1) **orthopedic** shoes, (2) **orthopedic** clinic

The athlete visited the **orthopedic** surgeon to have her injured knee examined and treated.

## instantaneous

*adj.* occurring or happening immediately or without delay; taking place in an instant or moment

*synonym*: immediate, prompt, rapid

(1) **instantaneous** reaction, (2) **instantaneous** message

The new software provides **instantaneous** results, making it much more efficient than the previous version.

## inefficiency

*n.* the lack of ability or effectiveness in producing the desired results or outcomes; the quality of being wasteful or unproductive

*synonym*: ineffectiveness, inefficacy, inadequacy

(1) **inefficiency** in the system, (2) bureaucratic **inefficiency**

The company's **inefficiency** in handling customer requests led to many complaints.

## disrupt

*v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

*synonym*: interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep

I'm so sorry to **disrupt** you when you're pretty busy.

## mechanize

- v. to equip with machinery or automatic equipment; to replace human labor with machines or automation in industry or other processes; to make a job or a procedure more systematic or efficient by the use of tools or technology

*synonym* : automate, motorize, robotize

(1) **mechanize** operations, (2) **mechanize** agriculture

The factory **mechanized** its production line to increase efficiency and reduce labor costs.

## reorganize

- v. to change to a more sufficient or suitable form of organization

*synonym* : rearrange, reconstruct, reshuffle

(1) **reorganize** a department, (2) **reorganize** his debts

The new CEO was appointed to **reorganize** their business.

## grumpy

- adj.* easily annoyed or irritable; inclined to complain or show dissatisfaction, often in an ill-tempered way

*synonym* : crabby, grouchy, irritable

(1) **grumpy** cat, (2) **grumpy** mood

The **grumpy** older man snapped at the children for playing too loudly.

## disapprove

- v. to have or express an unfavorable opinion or judgment about something or someone

*synonym* : object, reject, condemn

(1) **disapprove** of the government, (2) publicly **disapprove**

I **disapprove** of my friend's decision to drop out of school and pursue a career in music instead.

## propel

- v. to move, drive or push something forward or in a particular direction, often with a lot of force

*synonym* : drive, push, move

(1) **propel** growth, (2) **propel** the ship

An increase in employment helps **propel** economic growth.

## forego

v. to precede or go before something in time or order; to give up, relinquish or do without something, usually by choice or obligation

*synonym* : antecede, precede, relinquish

(1) **forego** dessert, (2) **forego** the privilege

The company decided to **forego** the expensive advertising campaign and instead rely on word of mouth.

## cybersecurity

n. the practice of protecting computers, servers, mobile devices, electronic systems, networks, and data from unauthorized access, use, disclosure, disruption, modification, or destruction

*synonym* : information security, cyber protection

(1) **cybersecurity** threat, (2) **cybersecurity** measures

As the use of technology continues to increase in everyday life, **cybersecurity** awareness and education become even more important

## intellect

n. the ability to think logically and comprehend information, especially at an advanced level

*synonym* : mind, brightness, cleverness

(1) enrich my **intellect**, (2) human **intellect**

Your **intellect** is capable of distinguishing among similar objects.

## cyberattack

n. an attempt to damage, disrupt, or gain unauthorized access to a computer system or network

*synonym* : cyber intrusion, hack, cyberterrorism

(1) **cyberattack** prevention, (2) **cyberattack** defense system

The hackers launched a devastating **cyberattack**, stealing sensitive information from the company's servers.

## interconnect

v. to connect similar things

*synonym* : interlink, connect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

## Session 2: Spelling

- |                                      |    |   |
|--------------------------------------|----|---|
| 1. di____t sleep                     | v. | to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance   |
| 2. human in_____ct                   | n. | the ability to think logically and comprehend information, especially at an advanced level  |
| 3. tur_____nd strategy               | n. | the amount of time needed to prepare a vessel or ship for a return trip; a change or improvement in the condition, performance, or affairs of something                                   |
| 4. cyb_____ity measures              | n. | the practice of protecting computers, servers, mobile devices, electronic systems, networks, and data from unauthorized access, use, disclosure, disruption, modification, or destruction |
| 5. miraculous tur_____nd             | n. | the amount of time needed to prepare a vessel or ship for a return trip; a change or improvement in the condition, performance, or affairs of something                                   |
| 6. 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  |
| 7. diesel loc_____ve                 | n. | a powered rail vehicle used for pulling trains or railway cars; an engine that produces the necessary power for the train to move on the tracks   |

ANSWERS: 1. disrupt, 2. intellect, 3. turnaround, 4. cybersecurity, 5. turnaround, 6. electrify, 7. locomotive



8. fo\_\_\_o dessert *v.* to precede or go before something in time or order; to give up, relinquish or do without something, usually by choice or obligation
9. ins\_\_\_\_\_ous message *adj.* occurring or happening immediately or without delay; taking place in an instant or moment
10. unexpected do\_\_\_me *n.* a period of time when a person or system is not active or operating, often due to technical issues or maintenance work
11. face an inc\_\_\_\_\_ent truth *adj.* causing trouble or difficulty; not convenient or suitable
12. s\_\_t the candidates *v.* to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles
13. cyb\_\_\_\_\_ck prevention *n.* an attempt to damage, disrupt, or gain unauthorized access to a computer system or network
14. me\_\_\_\_\_ze agriculture *v.* to equip with machinery or automatic equipment; to replace human labor with machines or automation in industry or other processes; to make a job or a procedure more systematic or efficient by the use of tools or technology
15. reo\_\_\_\_\_ze a department *v.* to change to a more sufficient or suitable form of organization
16. met\_\_\_\_\_ic materials *adj.* (of geology) of or relating to a type of rock that has transformed by heat, pressure, or other natural processes, typically deep in the Earth's crust; undergoing a significant change in form or nature; of or pertaining to the transformation or alteration of something

ANSWERS: 8. forego, 9. instantaneous, 10. downtime, 11. inconvenient, 12. sift, 13.

cyberattack, 14. mechanize, 15. reorganize, 16. metamorphic

17. an un\_\_\_\_\_ed economy      *adj.* not planned or intended; not having been prearranged or organized
18. he\_\_\_\_\_ss baby      *adj.* unable to take care of oneself or to do things without help
19. enrich my in\_\_\_\_\_ct      *n.* the ability to think logically and comprehend information, especially at an advanced level
20. me\_\_\_\_\_ze operations      *v.* to equip with machinery or automatic equipment; to replace human labor with machines or automation in industry or other processes; to make a job or a procedure more systematic or efficient by the use of tools or technology
21. dis\_\_\_\_\_ve of the government      *v.* to have or express an unfavorable opinion or judgment about something or someone
22. bureaucratic ine\_\_\_\_\_ncy      *n.* the lack of ability or effectiveness in producing the desired results or outcomes; the quality of being wasteful or unproductive
23. met\_\_\_\_\_ic process      *adj.* (of geology) of or relating to a type of rock that has transformed by heat, pressure, or other natural processes, typically deep in the Earth's crust; undergoing a significant change in form or nature; of or pertaining to the transformation or alteration of something
24. di\_\_\_\_\_t a well-ordered condition      *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

ANSWERS: 17. unplanned, 18. helpless, 19. intellect, 20. mechanize, 21. disapprove, 22. inefficiency, 23. metamorphic, 24. disrupt

25. pr\_\_\_l growth *v.* to move, drive or push something forward or in a particular direction, often with a lot of force
26. gr\_\_\_y mood *adj.* easily annoyed or irritable; inclined to complain or show dissatisfaction, often in an ill-tempered way
27. pr\_\_\_l the ship *v.* to move, drive or push something forward or in a particular direction, often with a lot of force
28. cognitive ne\_\_\_\_\_gy *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
29. he\_\_\_\_\_ss victims *adj.* unable to take care of oneself or to do things without help
30. skilled car\_\_\_\_\_ist *n.* a medical doctor who specializes in the study and treatment of the heart and the circulatory system
31. reo\_\_\_\_\_ze his debts *v.* to change to a more sufficient or suitable form of organization
32. fo\_\_\_o the privilege *v.* to precede or go before something in time or order; to give up, relinquish or do without something, usually by choice or obligation
33. a pro\_\_\_\_\_us storm *adj.* remarkable or extraordinary in size, amount, or degree; extraordinary in ability or talent
34. directly int\_\_\_\_\_ect with those systems *v.* to connect similar things
35. inc\_\_\_\_\_ent for shopping *adj.* causing trouble or difficulty; not convenient or suitable

ANSWERS: 25. propel, 26. grumpy, 27. propel, 28. neurology, 29. helpless, 30. cardiologist, 31. reorganize, 32. forego, 33. prodigious, 34. interconnect, 35. inconvenient

36. de\_\_\_\_\_le a power supply  
*v.* to disconnect or separate something from something else that it was joined to or part of previously
37. ins\_\_\_\_\_ous reaction  
*adj.* occurring or happening immediately or without delay; taking place in an instant or moment
38. ort\_\_\_\_\_ic clinic  
*adj.* relating to the branch of medicine concerned with the correction or prevention of deformities, disorders, or injuries of the skeletal system and associated muscles, joints, and ligaments
39. 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
40. ind\_\_\_\_\_us student  
*adj.* hardworking, diligent, and persistent in effort
41. ind\_\_\_\_\_us worker  
*adj.* hardworking, diligent, and persistent in effort
42. human activities int\_\_\_\_\_ect with the environment  
*v.* to connect similar things
43. cyb\_\_\_\_\_ity threat  
*n.* the practice of protecting computers, servers, mobile devices, electronic systems, networks, and data from unauthorized access, use, disclosure, disruption, modification, or destruction
44. ort\_\_\_\_\_ic shoes  
*adj.* relating to the branch of medicine concerned with the correction or prevention of deformities, disorders, or injuries of the skeletal system and associated muscles, joints, and ligaments

ANSWERS: 36. decouple, 37. instantaneous, 38. orthopedic, 39. electrify, 40. industrious, 41. industrious, 42. interconnect, 43. cybersecurity, 44. orthopedic

45. system do\_\_\_\_\_me *n.* a period of time when a person or system is not active or operating, often due to technical issues or maintenance work
46. cyb\_\_\_\_\_ck defense system *n.* an attempt to damage, disrupt, or gain unauthorized access to a computer system or network
47. publicly dis\_\_\_\_\_ve *v.* to have or express an unfavorable opinion or judgment about something or someone
48. un\_\_\_\_\_ed visit *adj.* not planned or intended; not having been prearranged or organized
49. de\_\_\_\_\_le a space shuttle *v.* to disconnect or separate something from something else that it was joined to or part of previously
50. ine\_\_\_\_\_ncy in the system *n.* the lack of ability or effectiveness in producing the desired results or outcomes; the quality of being wasteful or unproductive
51. car\_\_\_\_\_ist appointment *n.* a medical doctor who specializes in the study and treatment of the heart and the circulatory system
52. s\_\_t sand *v.* to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles
53. loc\_\_\_\_\_ve engine *n.* a powered rail vehicle used for pulling trains or railway cars; an engine that produces the necessary power for the train to move on the tracks

ANSWERS: 45. downtime, 46. cyberattack, 47. disapprove, 48. unplanned, 49. decouple, 50. inefficiency, 51. cardiologist, 52. sift, 53. locomotive

54. pro\_\_\_\_\_us talent *adj.* remarkable or extraordinary in size, amount, or degree; extraordinary in ability or talent
55. gr\_\_\_\_y cat *adj.* easily annoyed or irritable; inclined to complain or show dissatisfaction, often in an ill-tempered way
56. ne\_\_\_\_\_gy department *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system

ANSWERS: 54. prodigious, 55. grumpy, 56. neurology

## 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. My grandfather is seeing a \_\_\_\_\_ to monitor his heart condition.  
*n.* a medical doctor who specializes in the study and treatment of the heart and the circulatory system
3. The powerful \_\_\_\_\_ chugged along the tracks, hauling a long line of freight cars.  
*n.* a powered rail vehicle used for pulling trains or railway cars; an engine that produces the necessary power for the train to move on the tracks
4. We have to \_\_\_\_\_ our foreign policy from ideology.  
*v.* to disconnect or separate something from something else that it was joined to or part of previously
5. The company's \_\_\_\_\_ was a result of new management strategies.  
*n.* the amount of time needed to prepare a vessel or ship for a return trip; a change or improvement in the condition, performance, or affairs of something
6. Our system can now \_\_\_\_\_ with other databases.  
*v.* to connect similar things
7. The \_\_\_\_\_ power outage caused much inconvenience.  
*adj.* not planned or intended; not having been prearranged or organized
8. The new software provides \_\_\_\_\_ results, making it much more efficient than the previous version.  
*adj.* occurring or happening immediately or without delay; taking place in an instant or moment

ANSWERS: 1. industrious, 2. cardiologist, 3. locomotive, 4. decouple, 5. turnaround, 6. interconnect, 7. unplanned, 8. instantaneous



9. She is studying clinical \_\_\_\_\_ to become a brain surgeon.
- n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
10. The hackers launched a devastating \_\_\_\_\_ stealing sensitive information from the company's servers.
- n.* an attempt to damage, disrupt, or gain unauthorized access to a computer system or network
11. The mountain range was formed from \_\_\_\_\_ rocks that had undergone intense pressure and heat.
- adj.* (of geology) of or relating to a type of rock that has transformed by heat, pressure, or other natural processes, typically deep in the Earth's crust; undergoing a significant change in form or nature; of or pertaining to the transformation or alteration of something
12. The company decided to \_\_\_\_\_ the expensive advertising campaign and instead rely on word of mouth.
- v.* to precede or go before something in time or order; to give up, relinquish or do without something, usually by choice or obligation
13. I'm so sorry to \_\_\_\_\_ you when you're pretty busy.
- v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
14. An increase in employment helps \_\_\_\_\_ economic growth.
- v.* to move, drive or push something forward or in a particular direction, often with a lot of force
15. The factory had to schedule \_\_\_\_\_ for maintenance work, causing a temporary shutdown in production
- n.* a period of time when a person or system is not active or operating, often due to technical issues or maintenance work

ANSWERS: 9. neurology, 10. cyberattack, 11. metamorphic, 12. forego, 13. disrupt, 14. propel, 15. downtime

16. 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
17. The \_\_\_\_\_ older man snapped at the children for playing too loudly.
- adj.* easily annoyed or irritable; inclined to complain or show dissatisfaction, often in an ill-tempered way
18. The athlete visited the \_\_\_\_\_ surgeon to have her injured knee examined and treated.
- adj.* relating to the branch of medicine concerned with the correction or prevention of deformities, disorders, or injuries of the skeletal system and associated muscles, joints, and ligaments
19. The new CEO was appointed to \_\_\_\_\_ their business.
- v.* to change to a more sufficient or suitable form of organization
20. As the use of technology continues to increase in everyday life, \_\_\_\_\_ awareness and education become even more important
- n.* the practice of protecting computers, servers, mobile devices, electronic systems, networks, and data from unauthorized access, use, disclosure, disruption, modification, or destruction
21. I \_\_\_\_\_ of my friend's decision to drop out of school and pursue a career in music instead.
- v.* to have or express an unfavorable opinion or judgment about something or someone
22. The search engine helps \_\_\_\_\_ information.
- v.* to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles

ANSWERS: 16. electrify, 17. grumpy, 18. orthopedic, 19. reorganize, 20. cybersecurity, 21. disapprove, 22. sift

23. The factory \_\_\_\_\_ its production line to increase efficiency and reduce labor costs.
- v.* to equip with machinery or automatic equipment; to replace human labor with machines or automation in industry or other processes; to make a job or a procedure more systematic or efficient by the use of tools or technology
24. The \_\_\_\_\_ artist's work was featured in a major museum exhibition.
- adj.* remarkable or extraordinary in size, amount, or degree; extraordinary in ability or talent
25. It was \_\_\_\_\_ for her to go out of her way to pick up the package.
- adj.* causing trouble or difficulty; not convenient or suitable
26. I feel so \_\_\_\_\_ without you.
- adj.* unable to take care of oneself or to do things without help
27. The company's \_\_\_\_\_ in handling customer requests led to many complaints.
- n.* the lack of ability or effectiveness in producing the desired results or outcomes; the quality of being wasteful or unproductive
28. Your \_\_\_\_\_ is capable of distinguishing among similar objects.
- n.* the ability to think logically and comprehend information, especially at an advanced level

ANSWERS: 23. mechanized, 24. prodigious, 25. inconvenient, 26. helpless, 27. inefficiency, 28. intellect