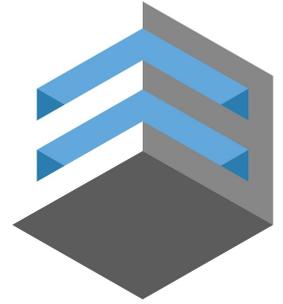


# Englist.me



## Vocabulary Builder Reference from...

*Emily Grubert: What happens to gas stations when the world goes electric? | TED Talk*

[https://www.ted.com/talks/emily\\_grubert\\_what\\_happens\\_to\\_gas\\_stations\\_when\\_the\\_world\\_goes\\_electric](https://www.ted.com/talks/emily_grubert_what_happens_to_gas_stations_when_the_world_goes_electric)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### unreliable

*adj.* not able to be trusted or depended on  
*synonym* : inconsistent, erratic, undependable

(1) prove **unreliable**, (2) **unreliable** source of information

By incorrect assumption, statistics can be notoriously **unreliable**.

### conserve

*v.* to protect something, especially the natural environment or culture, from change, damage, or destruction  
*synonym* : preserve, save, maintain

(1) means to **conserve** energy, (2) **conserve** coal resources

Children must be taught to **conserve** our natural environment.

### freeway

*n.* a major highway designed for high-speed traffic, with no stoplights or grade crossings and having interchanges or access roads to other highways  
*synonym* : highway, expressway, motorway

(1) **freeway** exit, (2) expanded **freeway**

We got stuck in a traffic jam on the **freeway** for over an hour.

### industrialize

*v.* to organize the production of something into an industry  
*synonym* : motorize

(1) **industrialize** service, (2) **industrialized** textile production

The nations of South East Asia will quickly **industrialize** and catch up with the West.

## refinery

*n.* a facility that is used to process, purify, and refine raw materials such as oil or metal into a more useful or valuable form

*synonym* : plant, factory, processing plant

(1) hydrogen **refinery**, (2) **refinery** operations

The oil **refinery** was shut down due to safety concerns after a major accident.

## 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.

## 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.

## disproportionate

*adj.* too large or too small when compared with something else, or not deserving its importance or influence

*synonym* : undeserved, unequal, superfluous

(1) cause **disproportionate** damage, (2) **disproportionate** amount

This big gate is **disproportionate** to the small hut.

## overburden

*v.* to burden or load someone or something with too much weight, responsibility, or work; to place an excessive or unfair demand on someone or something

*synonym* : overwhelm, overload, overfill

(1) snow **overburdens** the roof, (2) **overburden** the military  
The new tax laws had **overburdened** the accounting department with additional paperwork and compliance requirements.

### underserved

*adj.* inadequately or insufficiently provided with help, products, or services

(1) **underserved** market, (2) traditionally **underserved**  
This area is medically **underserved**.

### skyrocket

*v.* to rapidly ascend to a very high level; increase rapidly;  
*synonym*: rocket, soar, shoot up

(1) **skyrocket** the cost, (2) price **skyrocketed**  
Production has decreased, but costs and unemployment have **skyrocketed** dramatically.

### outlast

*v.* to endure or last longer than something else; to overcome challenges or obstacles and remain in existence

*synonym*: endure, survive, persevere

(1) **outlast** competitors, (2) **outlast** the storm  
Some species of turtles can **outlast** human beings by centuries.

### urgently

*adv.* in a way that requires immediate action or attention, especially before anything else, because of being very important

*synonym*: promptly, immediately, swiftly

(1) tackle the problem **urgently**, (2) **urgently** required  
I need to send this email **urgently**.

### constrain

*v.* to restrict or limit someone or something's freedom or ability to do something

*synonym*: restrict, limit, confine

(1) **constrain** his freedom, (2) **constrain** information flow  
The political situation **constrained** the country's economic

growth and foreign relations.

## dismantle

v. to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment

*synonym*: take apart, demolish, take down

(1) **dismantle** a machine, (2) **dismantle** a system

The old building had to be **dismantled** because it was structurally unsound.

## legislate

v. to make or enact laws; to exert control or influence through the creation or enforcement of laws

*synonym*: enact, pass, establish

(1) **legislate** gun control, (2) **legislate** against discrimination

The government needs to **legislate** stricter laws to protect the environment.

## sect

n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

*synonym*: group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

## decarbonize

v. to stop or reduce emitting carbon gases, especially carbon dioxide, by replacing energy made from fossil fuels with renewable energy

*synonym*: decoke, decarburise, decarburize

(1) **decarbonize** their manufacturing process,

(2) **decarbonize** its energy system

We have to seek methods to **decarbonize** its fossil fuel economy.

## lifespan

n. the length of time for which a person, animal lives, or thing exists

*synonym*: duration, lifetime, continuance

(1) **lifespan** extension, (2) **lifespan** retrieval curve

Generally speaking, men have a shorter **lifespan** than women.

## 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.

## displace

*v.* to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation

*synonym*: evict, exile, remove

(1) **displace** workers, (2) **displace** the explosive power

The construction of the new dam will **displace** hundreds of families living downstream.

## layoff

*n.* the temporary or permanent dismissal of employees from a company or organization due to a lack of work or financial difficulties; involuntary termination of employment

*synonym*: dismissal, redundancy, termination

(1) temporary **layoff**, (2) mass **layoff**

The workers protested against the unfairness of the **layoff**, claiming they should have been consulted first.

## sever

*v.* to break or separate something by cutting, especially suddenly and forcibly

*synonym*: cut apart, separate, detach

(1) **sever** a rope, (2) **sever** a positive relationship

He **severed** a branch from a tree quickly.

## miner

*n.* a person who works in a mine (= excavation in the Earth from which ores and minerals are extracted), especially one who extracts coal, minerals, or precious metals from the Earth

*synonym*: digger, excavator, miner

(1) **miner** strike, (2) **miner** industry

The coal **miner** worked tirelessly to extract valuable minerals from deep underground.

## **retiring**

*adj.* withdrawing from a position or activity, or becoming more secluded or reserved

*synonym*: shy, leaving, quitting

(1) near **retiring** age, (2) a **retiring** pension

The **retiring** CEO passed on the reins to his successor.

## **opportune**

*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

*synonym*: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

## **collide**

*v.* to hit something violently when moving

*synonym*: clash, slam, contradict

(1) **collide** head-on, (2) **collide** in midair

The interests of the two countries **collide**.

## Session 2: Spelling

1. co\_\_\_\_\_e in midair *v.* to hit something violently when moving
2. dis\_\_\_\_\_ate amount *adj.* too large or too small when compared with something else, or not deserving its importance or influence
3. hydrogen re\_\_\_\_\_ry *n.* a facility that is used to process, purify, and refine raw materials such as oil or metal into a more useful or valuable form
4. dec\_\_\_\_\_ze their manufacturing process *v.* to stop or reduce emitting carbon gases, especially carbon dioxide, by replacing energy made from fossil fuels with renewable energy
5. a re\_\_\_\_\_ng pension *adj.* withdrawing from a position or activity, or becoming more secluded or reserved
6. un\_\_\_\_\_ed visit *adj.* not planned or intended; not having been prearranged or organized
7. tackle the problem ur\_\_\_\_\_ly *adv.* in a way that requires immediate action or attention, especially before anything else, because of being very important
8. price sk\_\_\_\_\_eted *v.* to rapidly ascend to a very high level; increase rapidly;
9. se\_\_r a rope *v.* to break or separate something by cutting, especially suddenly and forcibly
10. ind\_\_\_\_\_us student *adj.* hardworking, diligent, and persistent in effort
11. le\_\_\_\_\_te against discrimination *v.* to make or enact laws; to exert control or influence through the creation or enforcement of laws

ANSWERS: 1. collide, 2. disproportionate, 3. refinery, 4. decarbonize, 5. retiring, 6. unplanned, 7. urgently, 8. skyrocket, 9. sever, 10. industrious, 11. legislate

12. di\_\_\_\_\_ce the explosive power      *v.* to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation
13. prove unr\_\_\_\_\_le      *adj.* not able to be trusted or depended on
14. ou\_\_\_\_\_t competitors      *v.* to endure or last longer than something else; to overcome challenges or obstacles and remain in existence
15. temporary la\_\_\_\_f      *n.* the temporary or permanent dismissal of employees from a company or organization due to a lack of work or financial difficulties; involuntary termination of employment
16. ind\_\_\_\_\_ize service      *v.* to organize the production of something into an industry
17. op\_\_\_\_\_ne occasion      *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
18. 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
19. cause dis\_\_\_\_\_ate damage      *adj.* too large or too small when compared with something else, or not deserving its importance or influence
20. co\_\_\_\_\_in his freedom      *v.* to restrict or limit someone or something's freedom or ability to do something
21. ou\_\_\_\_\_t the storm      *v.* to endure or last longer than something else; to overcome challenges or obstacles and remain in existence

ANSWERS: 12. displace, 13. unreliable, 14. outlast, 15. layoff, 16. industrialize, 17. opportune, 18. disrupt, 19. disproportionate, 20. constrain, 21. outlast

22. unr\_\_\_\_\_le source of information      *adj.* not able to be trusted or depended on
23. li\_\_\_\_\_an retrieval curve      *n.* the length of time for which a person, animal lives, or thing exists
24. mi\_\_r strike      *n.* a person who works in a mine (= excavation in the Earth from which ores and minerals are extracted), especially one who extracts coal, minerals, or precious metals from the Earth
25. secret s\_\_t      *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
26. co\_\_\_\_\_ve coal resources      *v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
27. means to co\_\_\_\_\_ve energy      *v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
28. expanded fr\_\_\_\_\_y      *n.* a major highway designed for high-speed traffic, with no stoplights or grade crossings and having interchanges or access roads to other highways
29. dec\_\_\_\_\_ze its energy system      *v.* to stop or reduce emitting carbon gases, especially carbon dioxide, by replacing energy made from fossil fuels with renewable energy
30. di\_\_\_\_\_le a machine      *v.* to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment

ANSWERS: 22. unreliable, 23. lifespan, 24. miner, 25. sect, 26. conserve, 27. conserve, 28. freeway, 29. decarbonize, 30. dismantle

31. ind\_\_\_\_\_ized textile production      *v.* to organize the production of something into an industry
32. near re\_\_\_\_\_ng age      *adj.* withdrawing from a position or activity, or becoming more secluded or reserved
33. co\_\_\_\_\_e head-on      *v.* to hit something violently when moving
34. re\_\_\_\_\_ry operations      *n.* a facility that is used to process, purify, and refine raw materials such as oil or metal into a more useful or valuable form
35. di\_\_\_\_\_le a system      *v.* to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment
36. ur\_\_\_\_\_ly required      *adv.* in a way that requires immediate action or attention, especially before anything else, because of being very important
37. mass la\_\_\_\_f      *n.* the temporary or permanent dismissal of employees from a company or organization due to a lack of work or financial difficulties; involuntary termination of employment
38. li\_\_\_\_\_an extension      *n.* the length of time for which a person, animal lives, or thing exists
39. snow ove\_\_\_\_\_ens the roof      *v.* to burden or load someone or something with too much weight, responsibility, or work; to place an excessive or unfair demand on someone or something
40. an op\_\_\_\_\_ne remark      *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 31. industrialize, 32. retiring, 33. collide, 34. refinery, 35. dismantle, 36. urgently, 37. layoff, 38. lifespan, 39. overburden, 40. opportune

41. ind\_\_\_\_\_us worker *adj.* hardworking, diligent, and persistent in effort
42. di\_\_\_\_\_ce workers *v.* to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation
43. le\_\_\_\_\_te gun control *v.* to make or enact laws; to exert control or influence through the creation or enforcement of laws
44. co\_\_\_\_\_in information flow *v.* to restrict or limit someone or something's freedom or ability to do something
45. an un\_\_\_\_\_ed economy *adj.* not planned or intended; not having been prearranged or organized
46. s\_\_t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
47. 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
48. traditionally und\_\_\_\_\_ed *adj.* inadequately or insufficiently provided with help, products, or services
49. fr\_\_\_\_\_y exit *n.* a major highway designed for high-speed traffic, with no stoplights or grade crossings and having interchanges or access roads to other highways

ANSWERS: 41. industrious, 42. displace, 43. legislate, 44. constrain, 45. unplanned, 46. sect, 47. disrupt, 48. underserved, 49. freeway

50. und\_\_\_\_\_ed market

*adj.* inadequately or insufficiently provided with help, products, or services

51. sk\_\_\_\_\_et the cost

*v.* to rapidly ascend to a very high level; increase rapidly;

52. mi\_\_r industry

*n.* a person who works in a mine (= excavation in the Earth from which ores and minerals are extracted), especially one who extracts coal, minerals, or precious metals from the Earth

53. ove\_\_\_\_\_en the military

*v.* to burden or load someone or something with too much weight, responsibility, or work; to place an excessive or unfair demand on someone or something

54. se\_\_r a positive relationship

*v.* to break or separate something by cutting, especially suddenly and forcibly

ANSWERS: 50. underserved, 51. skyrocket, 52. miner, 53. overburden, 54. sever

## Session 3: Fill in the Blanks

1. The coal \_\_\_\_\_ worked tirelessly to extract valuable minerals from deep underground.
  - n.* a person who works in a mine (= excavation in the Earth from which ores and minerals are extracted), especially one who extracts coal, minerals, or precious metals from the Earth
  
2. The new tax laws had \_\_\_\_\_ the accounting department with additional paperwork and compliance requirements.
  - v.* to burden or load someone or something with too much weight, responsibility, or work; to place an excessive or unfair demand on someone or something
  
3. Production has decreased, but costs and unemployment have \_\_\_\_\_ dramatically.
  - v.* to rapidly ascend to a very high level; increase rapidly;
  
4. The \_\_\_\_\_ CEO passed on the reins to his successor.
  - adj.* withdrawing from a position or activity, or becoming more secluded or reserved
  
5. This big gate is \_\_\_\_\_ to the small hut.
  - adj.* too large or too small when compared with something else, or not deserving its importance or influence
  
6. We have to seek methods to \_\_\_\_\_ its fossil fuel economy.
  - v.* to stop or reduce emitting carbon gases, especially carbon dioxide, by replacing energy made from fossil fuels with renewable energy
  
7. The \_\_\_\_\_ power outage caused much inconvenience.
  - adj.* not planned or intended; not having been prearranged or organized

ANSWERS: 1. miner, 2. overburdened, 3. skyrocketed, 4. retiring, 5. disproportionate, 6. decarbonize, 7. unplanned

8. He \_\_\_\_\_ a branch from a tree quickly.
- v. to break or separate something by cutting, especially suddenly and forcibly
9. The minority \_\_\_\_\_ believed in a set of unconventional religious practices.
- n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
10. The old building had to be \_\_\_\_\_ because it was structurally unsound.
- v. to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment
11. 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
12. The oil \_\_\_\_\_ was shut down due to safety concerns after a major accident.
- n. a facility that is used to process, purify, and refine raw materials such as oil or metal into a more useful or valuable form
13. The political situation \_\_\_\_\_ the country's economic growth and foreign relations.
- v. to restrict or limit someone or something's freedom or ability to do something
14. The interests of the two countries \_\_\_\_\_.
- v. to hit something violently when moving
15. The government needs to \_\_\_\_\_ stricter laws to protect the environment.
- v. to make or enact laws; to exert control or influence through the creation or enforcement of laws

ANSWERS: 8. severed, 9. sect, 10. dismantled, 11. disrupt, 12. refinery, 13. constrained, 14. collide, 15. legislate

16. The nations of South East Asia will quickly \_\_\_\_\_ and catch up with the West.
- v.* to organize the production of something into an industry
17. We got stuck in a traffic jam on the \_\_\_\_\_ for over an hour.
- n.* a major highway designed for high-speed traffic, with no stoplights or grade crossings and having interchanges or access roads to other highways
18. I need to send this email \_\_\_\_\_.
- adv.* in a way that requires immediate action or attention, especially before anything else, because of being very important
19. The workers protested against the unfairness of the \_\_\_\_\_ claiming they should have been consulted first.
- n.* the temporary or permanent dismissal of employees from a company or organization due to a lack of work or financial difficulties; involuntary termination of employment
20. This area is medically \_\_\_\_\_.
- adj.* inadequately or insufficiently provided with help, products, or services
21. Children must be taught to \_\_\_\_\_ our natural environment.
- v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
22. Generally speaking, men have a shorter \_\_\_\_\_ than women.
- n.* the length of time for which a person, animal lives, or thing exists
23. Some species of turtles can \_\_\_\_\_ human beings by centuries.
- v.* to endure or last longer than something else; to overcome challenges or obstacles and remain in existence

ANSWERS: 16. industrialize, 17. freeway, 18. urgently, 19. layoff, 20. underserved, 21. conserve, 22. lifespan, 23. outlast

24. By incorrect assumption, statistics can be notoriously \_\_\_\_\_.

*adj.* not able to be trusted or depended on

25. The construction of the new dam will \_\_\_\_\_ hundreds of families living downstream.

*v.* to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation

26. He was known to be very \_\_\_\_\_ and would often work late into the night.

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

27. The phone rang at the most \_\_\_\_\_ time.

*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 24. unreliable, 25. displace, 26. industrious, 27. opportune