

# Englist.me



## Vocabulary Builder Reference from...

Rachel Armstrong: Architecture that repairs itself? |

TED Talk

[https://www.ted.com/talks/rachel\\_armstrong\\_architecture\\_that\\_repairs\\_itself](https://www.ted.com/talks/rachel_armstrong_architecture_that_repairs_itself)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### blueprint

*n.* a photographic print of an early plan for a building or machine

*synonym*: draft, prototype, sketch

(1) **blueprint** for economic reform, (2) architect's **blueprint**

A business plan is a **blueprint** for your success.

### inert

*adj.* lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive

*synonym*: motionless, inactive, dormant

(1) **inert** gases, (2) **inert** ingredients

The rock was completely **inert** and didn't react when we tried to break it open.

### insulate

*v.* to protect something by interposing material that prevents heat, noise, electricity, etc.

*synonym*: isolate, protect, seclude

(1) **insulate** the room from sound, (2) **insulate** electricity

We had our bedroom **insulated** before winter came.

### vigorously

*adv.* in a way that is very energetic and enthusiastic

*synonym*: energetically, forcefully, strongly

(1) **vigorously** shake, (2) mix **vigorously** by hand

He **vigorously** scrubbed the stains on the shirt.

## carbonate

*n.* a carbonic acid salt or ester that contains the anion CO<sub>3</sub>  
(1) sodium **carbonate**, (2) alkaline **carbonate**  
The explosive chemical reaction does not occur in all sodium **carbonate**.

## globular

*adj.* having the shape of a ball  
*synonym*: round, spherical, orbicular  
(1) **globular** cluster, (2) **globular** clusters  
Wasps often build **globular** nests in a short period.

## brittle

*adj.* easily broken, cracked, or shattered when subjected to pressure or stress; lacking flexibility or resilience; fragile  
*synonym*: fragile, breakable, delicate  
(1) **brittle** bones, (2) **brittle** material  
The old books in the library were so **brittle** that they crumbled upon touch.

## limestone

*n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite  
*synonym*: calcareous rock, chalk  
(1) sheer **limestone** cliffs, (2) **limestone** pavement  
The Great Pyramid of Giza was built using blocks of **limestone**.

## fossilized

*adj.* transformed into a fossil (= something preserved in rock for a very long period) or preserved in the form of a fossil; antiquated or inflexible  
*synonym*: petrified, ossified, preserved  
(1) obsolete **fossilized** ways, (2) a **fossilized** grove  
The dinosaur bones were so old that they had been wholly **fossilized**, turning to stone over millions of years.

## atoll

*n.* a ring-shaped coral reef or a chain of coral islands and reefs surrounding a central lagoon, typically formed by the subsidence of a volcanic island over time, leaving only the coral reefs visible above the water surface  
*synonym*: coral reef, islet, cay

(1) coral **atoll**, (2) lagoon **atoll**

The tourists were excited to explore the remote **atoll**, which was uninhabited and untouched.

## reclamation

*n.* the process of restoring or reclaiming something, particularly land or resources that have been damaged or depleted; the act of obtaining or recovering something that was lost or taken away

*synonym*: recovery, reutilization, restoration

(1) **reclamation** district, (2) coastal **reclamation**

The **reclamation** of the wetlands allowed for the restoration of the natural ecosystem.

## tempestuous

*adj.* characterized by strong and turbulent or conflicting emotions; stormy or turbulent in nature

*synonym*: stormy, tumultuous, restless

(1) **tempestuous** relationship, (2) **tempestuous** sea

The **tempestuous** weather delayed our flight for hours.

## devise

*v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination

*synonym*: create, concoct, invent

(1) **devise** a plan, (2) **devise** a literary plot

They had to **devise** a system that did not depend on fossil fuels.

## reclaim

*v.* to take back something previously lost, given, or paid, or ask to have it back

*synonym*: recoup, regain, retake

(1) **reclaim** a competitive position, (2) **reclaim** land from the sea

You may be entitled to **reclaim** some tax.

## Christ

*n.* the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity

*synonym*: Savior, Jesus Christ, Jesus

(1) teaching of **Christ**, (2) before **Christ**  
**Christmas** is the day to celebrate the birth of Christ.

### forebear

*n.* an ancestor or a precursor  
*synonym*: ancestor, predecessor, forefather

(1) a **forebear** of one of the tribes, (2) **forebear** predecessor  
His **forebear** was one of the first settlers in the area.

### petrify

*v.* to turn to stone; to make hard and unyielding  
*synonym*: fossilize, mineralize, calcify

(1) **petrify** with fear, (2) **petrify** into stone  
The thought of public speaking will **petrify** her.

### accretion

*n.* the process of gradual growth or accumulation, particularly of layers or matter building up over time; the result of such a process  
*synonym*: accumulation, buildup, growth

(1) stellar **accretion**, (2) island **accretion**  
The rock was formed by the slow **accretion** of sediments over millions of years.

### counterpoise

*n.* a force or influence that balances, counteracts, or offsets another; a weight or force used to balance or stabilize something; a state of equilibrium or balance  
*synonym*: balance, counterbalance, equilibrium

(1) electrical **counterpoise**, (2) **counterpoise** antenna  
The bridge's design incorporated a **counterpoise** system to ensure stability against strong winds.

### secondly

*adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.  
*synonym*: in the second place, next, subsequently

(1) **secondly** connected, (2) **secondly**, it is important  
Firstly, we will discuss the budget; **secondly**, we will go over the schedule.

**marvel**

*n.* someone something that causes feelings of wonder or surprise

*synonym:* wonder, phenomenon, amazement

(1) a **marvel** of beauty, (2) technical **marvel**

The space shuttle is a modern engineering **marvel**.

## Session 2: Spelling

1. tem\_\_\_\_\_us relationship  
*adj.* characterized by strong and turbulent or conflicting emotions; stormy or turbulent in nature
2. lagoon at\_\_l  
*n.* a ring-shaped coral reef or a chain of coral islands and reefs surrounding a central lagoon, typically formed by the subsidence of a volcanic island over time, leaving only the coral reefs visible above the water surface
3. bl\_\_\_\_\_nt for economic reform  
*n.* a photographic print of an early plan for a building or machine
4. cou\_\_\_\_\_ise antenna  
*n.* a force or influence that balances, counteracts, or offsets another; a weight or force used to balance or stabilize something; a state of equilibrium or balance
5. island ac\_\_\_\_\_on  
*n.* the process of gradual growth or accumulation, particularly of layers or matter building up over time; the result of such a process
6. before Ch\_\_\_\_t  
*n.* the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity
7. coastal rec\_\_\_\_\_on  
*n.* the process of restoring or reclaiming something, particularly land or resources that have been damaged or depleted; the act of obtaining or recovering something that was lost or taken away

ANSWERS: 1. tempestuous, 2. atoll, 3. blueprint, 4. counterpoise, 5. accretion, 6. Christ, 7. reclamation

8. sodium ca\_\_\_\_\_te *n.* a carbonic acid salt or ester that contains the anion CO<sub>3</sub>
9. tem\_\_\_\_\_us sea *adj.* characterized by strong and turbulent or conflicting emotions; stormy or turbulent in nature
10. de\_\_\_e a literary plot *v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
11. a fo\_\_\_\_\_ar of one of the tribes *n.* an ancestor or a precursor
12. pe\_\_\_\_\_y into stone *v.* to turn to stone; to make hard and unyielding
13. a ma\_\_\_l of beauty *n.* someone something that causes feelings of wonder or surprise
14. in\_\_t ingredients *adj.* lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive
15. rec\_\_\_\_\_on district *n.* the process of restoring or reclaiming something, particularly land or resources that have been damaged or depleted; the act of obtaining or recovering something that was lost or taken away
16. electrical cou\_\_\_\_\_ise *n.* a force or influence that balances, counteracts, or offsets another; a weight or force used to balance or stabilize something; a state of equilibrium or balance
17. in\_\_\_\_\_te the room from sound *v.* to protect something by interposing material that prevents heat, noise, electricity, etc.

ANSWERS: 8. carbonate, 9. tempestuous, 10. devise, 11. forebear, 12. petrify, 13. marvel, 14. inert, 15. reclamation, 16. counterpoise, 17. insulate

18. architect's bl\_\_\_\_\_nt  
*n.* a photographic print of an early plan for a building or machine
19. alkaline ca\_\_\_\_\_te  
*n.* a carbonic acid salt or ester that contains the anion CO<sub>3</sub>
20. sheer li\_\_\_\_\_ne cliffs  
*n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
21. re\_\_\_\_\_m land from the sea  
*v.* to take back something previously lost, given, or paid, or ask to have it back
22. a fos\_\_\_\_\_ed grove  
*adj.* transformed into a fossil (= something preserved in rock for a very long period) or preserved in the form of a fossil; antiquated or inflexible
23. se\_\_\_\_\_ly, it is important  
*adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
24. technical ma\_\_\_\_\_l  
*n.* someone something that causes feelings of wonder or surprise
25. se\_\_\_\_\_ly connected  
*adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
26. re\_\_\_\_\_m a competitive position  
*v.* to take back something previously lost, given, or paid, or ask to have it back
27. pe\_\_\_\_\_y with fear  
*v.* to turn to stone; to make hard and unyielding
28. in\_\_t gases  
*adj.* lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive
29. stellar ac\_\_\_\_\_on  
*n.* the process of gradual growth or accumulation, particularly of layers or matter building up over time; the result of such a process

ANSWERS: 18. blueprint, 19. carbonate, 20. limestone, 21. reclaim, 22. fossilized, 23. secondly, 24. marvel, 25. secondly, 26. reclaim, 27. petrify, 28. inert, 29. accretion



30. in\_\_\_\_\_te electricity      *v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
31. br\_\_\_\_\_e bones      *adj.* easily broken, cracked, or shattered when subjected to pressure or stress; lacking flexibility or resilience; fragile
32. fo\_\_\_\_\_ar predecessor      *n.* an ancestor or a precursor
33. gl\_\_\_\_\_ar clusters      *adj.* having the shape of a ball
34. li\_\_\_\_\_ne pavement      *n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
35. vig\_\_\_\_\_ly shake      *adv.* in a way that is very energetic and enthusiastic
36. de\_\_\_e a plan      *v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
37. br\_\_\_\_\_e material      *adj.* easily broken, cracked, or shattered when subjected to pressure or stress; lacking flexibility or resilience; fragile
38. coral at\_\_l      *n.* a ring-shaped coral reef or a chain of coral islands and reefs surrounding a central lagoon, typically formed by the subsidence of a volcanic island over time, leaving only the coral reefs visible above the water surface
39. gl\_\_\_\_\_ar cluster      *adj.* having the shape of a ball
40. obsolete fos\_\_\_\_\_ed ways      *adj.* transformed into a fossil (= something preserved in rock for a very long period) or preserved in the form of a fossil; antiquated or inflexible

ANSWERS: 30. insulate, 31. brittle, 32. forebear, 33. globular, 34. limestone, 35. vigorously, 36. devise, 37. brittle, 38. atoll, 39. globular, 40. fossilized

41. teaching of Ch\_\_\_t

*n.* the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity

42. mix vig\_\_\_\_\_ly by hand

*adv.* in a way that is very energetic and enthusiastic

ANSWERS: 41. Christ, 42. vigorously

## Session 3: Fill in the Blanks

1. His \_\_\_\_\_ was one of the first settlers in the area.  
*n.* an ancestor or a precursor
2. He \_\_\_\_\_ scrubbed the stains on the shirt.  
*adv.* in a way that is very energetic and enthusiastic
3. Wasps often build \_\_\_\_\_ nests in a short period.  
*adj.* having the shape of a ball
4. The thought of public speaking will \_\_\_\_\_ her.  
*v.* to turn to stone; to make hard and unyielding
5. The rock was completely \_\_\_\_\_ and didn't react when we tried to break it open.  
*adj.* lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive
6. The rock was formed by the slow \_\_\_\_\_ of sediments over millions of years.  
*n.* the process of gradual growth or accumulation, particularly of layers or matter building up over time; the result of such a process
7. We had our bedroom \_\_\_\_\_ before winter came.  
*v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
8. The \_\_\_\_\_ weather delayed our flight for hours.  
*adj.* characterized by strong and turbulent or conflicting emotions; stormy or turbulent in nature

ANSWERS: 1. forebear, 2. vigorously, 3. globular, 4. petrify, 5. inert, 6. accretion, 7. insulated, 8. tempestuous

9. Firstly, we will discuss the budget; \_\_\_\_\_ we will go over the schedule.  
*adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
10. They had to \_\_\_\_\_ a system that did not depend on fossil fuels.  
*v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
11. The explosive chemical reaction does not occur in all sodium \_\_\_\_\_.  
*n.* a carbonic acid salt or ester that contains the anion CO<sub>3</sub>
12. The Great Pyramid of Giza was built using blocks of \_\_\_\_\_.  
*n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
13. The tourists were excited to explore the remote \_\_\_\_\_ which was uninhabited and untouched.  
*n.* a ring-shaped coral reef or a chain of coral islands and reefs surrounding a central lagoon, typically formed by the subsidence of a volcanic island over time, leaving only the coral reefs visible above the water surface
14. The \_\_\_\_\_ of the wetlands allowed for the restoration of the natural ecosystem.  
*n.* the process of restoring or reclaiming something, particularly land or resources that have been damaged or depleted; the act of obtaining or recovering something that was lost or taken away
15. The dinosaur bones were so old that they had been wholly \_\_\_\_\_ turning to stone over millions of years.  
*adj.* transformed into a fossil (= something preserved in rock for a very long period) or preserved in the form of a fossil; antiquated or inflexible

ANSWERS: 9. secondly, 10. devise, 11. carbonate, 12. limestone, 13. atoll, 14. reclamation, 15. fossilized,

16. \_\_\_\_\_ is the day to celebrate the birth of Christ.

*n.* the man that Christians believe is the prophet and the son of God, and whose life and sermons form the basis for Christianity

17. A business plan is a \_\_\_\_\_ for your success.

*n.* a photographic print of an early plan for a building or machine

18. You may be entitled to \_\_\_\_\_ some tax.

*v.* to take back something previously lost, given, or paid, or ask to have it back

19. The old books in the library were so \_\_\_\_\_ that they crumbled upon touch.

*adj.* easily broken, cracked, or shattered when subjected to pressure or stress; lacking flexibility or resilience; fragile

20. The space shuttle is a modern engineering \_\_\_\_\_.

*n.* someone something that causes feelings of wonder or surprise

21. The bridge's design incorporated a \_\_\_\_\_ system to ensure stability against strong winds.

*n.* a force or influence that balances, counteracts, or offsets another; a weight or force used to balance or stabilize something; a state of equilibrium or balance

ANSWERS: 16. Christmas, 17. blueprint, 18. reclaim, 19. brittle, 20. marvel, 21. counterpoise