

# Englist.me



## Vocabulary Builder Reference from...

Tim Flannery: Can seaweed help curb global warming? | TED Talk

[https://www.ted.com/talks/tim\\_flannery\\_can\\_seaweed\\_help\\_curb\\_global\\_warming](https://www.ted.com/talks/tim_flannery_can_seaweed_help_curb_global_warming)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### seaweed

*n.* a plant that grows in the sea or on land very close to the sea, especially marine algae

*synonym* : kelp, algae

(1) floating **seaweed**, (2) **seaweed** broth

She soaked **seaweed** in water until tender.

### rot

*v.* to decay, or cause something to decay, naturally and gradually

*synonym* : perish, decay, corrode

(1) begin to **rot**, (2) **rot** with age

Please refrigerate the meat, or it will **rot**.

### drawdown

*n.* the reduction or depletion of a resource, such as water, as a result of extraction or use; the act of withdrawing funds from an account or asset, typically associated with investment or borrowing

*synonym* : decline, reduction, decrease

(1) **drawdown** period, (2) investment **drawdown**

The organization initiated a **drawdown** of resources from its disaster relief fund to assist the affected communities.

### sleeplessness

*n.* the condition of being unable to sleep or having difficulty sleeping

*synonym*: insomnia, wakefulness, restlessness

(1) **sleeplessness** disorder, (2) beat **sleeplessness**

He tried various treatments for his **sleeplessness**, but nothing seemed to work.

## **gigaton**

*n.* a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons

(1) **gigaton-class** bomb, (2) half a **gigaton** of CO<sub>2</sub>

The earthquake that hit the Pacific Ocean last night is said to have released about 30 **gigatons** of energy.

## **baffle**

*v.* to bewilder or perplex someone completely and to be unable to understand or explain something

*synonym*: perplex, astound, hinder

(1) **baffle** his plan, (2) **baffle** outside noises

The paradox **baffled** most philosophers.

## **eloquent**

*adj.* able to speak or write clearly and impressively

*synonym*: persuasive, fluent, well-spoken

(1) an **eloquent** speaker, (2) **eloquent** writing

She gave an **eloquent** speech at the graduation ceremony.

## **trajectory**

*n.* the curved path followed by an object moving through space

*synonym*: course, curve, orbit

(1) career **trajectory**, (2) a **trajectory** missile

The company has shown an excellent growth **trajectory** over the years.

## **preempt**

*v.* to act in advance to prevent something or to replace it with something else

*synonym*: forestall, head off, anticipate

(1) **preempt** a financial crisis, (2) **preempt** trouble

The government **preempted** the release of sensitive information.

## photosynthesis

*n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

(1) oxygenic **photosynthesis**, (2) process of **photosynthesis**

In **photosynthesis**, plants use carbon dioxide to feed themselves.

## ominous

*adj.* giving the impression that something bad is going to happen; foreboding

*synonym*: foreboding, portentous, ominous

(1) an **ominous** silence, (2) **ominous** sign

The **ominous** clouds in the sky foretold of an approaching storm.

## biofuel

*n.* a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels

*synonym*: renewable energy, green fuel, alternative fuel

(1) **biofuel** production, (2) **biofuel** technology

The airplane was powered by a **biofuel** made from plant-based materials.

## reforestation

*n.* the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters

*synonym*: afforestation

(1) **reforestation** project, (2) **reforestation** policy

**Reforestation** efforts are necessary to combat deforestation and its negative environmental impact.

## skeptical

*adj.* doubting that something is accurate or useful

*synonym*: doubtful, distrustful, suspicious

(1) a **skeptical** attitude, (2) **skeptical** scientists

His religious and philosophical beliefs were utterly **skeptical**.

## 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.

## multicellular

*adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)

*synonym* : multicelled, many-celled, complex

(1) **multicellular** tissues, (2) **multicellular** life

**Multicellular** organisms are composed of many specialized cells working together.

## sequester

*v.* to take temporary possession of someone's property until a debt is paid.

*synonym* : isolate, set apart, segregate

(1) **sequester** ten percent of the annual carbon emissions,

(2) **sequester** myself from the world

He approved their requests to **sequester** the jury.

## abyss

*n.* a deep, dark, or seemingly bottomless chasm or void

*synonym* : chasm, cavity, gulf

(1) the **abyss** of time, (2) an **abyss** of hopelessness

The deep sea is an **abyss** of mystery and discovery.

## irrigate

*v.* to supply water to land to help plants grow

*synonym* : water, drench, soak

(1) **irrigate** fields, (2) **irrigate** the flowers and plants

The water shortage in the region has made it difficult for farmers to **irrigate** their crops.

## stink

*v.* to emit a strong, unpleasant odor; to have a strong offensive smell; to be corrupt or unethical

*synonym* : reek, smell, odor

(1) **stink** up the place, (2) **stink** badly

The garbage in the alley began to **stink** after a few hot days.

## foresee

*v.* to perceive or predict; to anticipate or expect something to happen in the future

*synonym* : predict, anticipate, forecast

(1) **foresee** the consequences, (2) **foresee** challenges  
I **foresee** a problem arising if we don't address this issue now.

## canyon

*n.* a large deep valley with very steep sides of rock and usually formed by a river

*synonym* : gorge, valley, ravine

(1) twisty **canyon** road, (2) **canyon** of skyscrapers  
The Grand **Canyon** has an awe-inspiring sight.

## 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.

## biochar

*n.* a material produced by heating organic matter under low-oxygen conditions often used as a fertilizer or soil amendment

*synonym* : biocharcoal, charcoal

(1) **biochar** carbon, (2) **biochar** soil amendment

**Biochar** production can be a way to manage organic waste while also generating renewable energy.

## permaculture

*n.* a system of agricultural and ecological design that aims to create sustainable, self-sufficient ecosystems by working with natural processes and relying on renewable resources

*synonym* : sustainable agriculture, natural farming

(1) **permaculture** principles, (2) **permaculture** garden

The **permaculture** community emphasizes the importance of working with, not against, nature.

## shellfish

*n.* water creatures that live in shells, especially one of the types that can be eaten

*synonym* : clam, mollusk

(1) **shellfish** allergy, (2) edible **shellfish**

**Shellfish** can cause allergic reactions in certain people.

## seawater

*n.* water from the sea or ocean, typically containing salt and various other dissolved minerals

*synonym* : saltwater, brine, ocean water

(1) **seawater** pollution, (2) **seawater** bacteria

The desalination plant turned **seawater** into drinking water through a complex process.

## deprive

*v.* to take away something from someone

*synonym* : deny, take away, divest

(1) **deprive** others of profit, (2) **deprive** him of his status

He was **deprived** of his freedom when sentenced to life in prison.

## unrest

*n.* a state of agitation or disturbance; lack of calm or peace

*synonym* : disturbance, agitation, turmoil

(1) **unrest** in the city, (2) cause **unrest**

The recent political **unrest** in the country has led to widespread protests and civil disobedience.

## biplane

*n.* a type of airplane that has two pairs of wings, one above the other, and usually a cockpit between them

(1) two-seater **biplane**, (2) vintage **biplane**

The **biplane's** open cockpit allowed a thrilling and unobstructed view of the surrounding scenery.

## financier

*n.* a person or organization that deals with or manages large sums of money, particularly for investment or financial trading purposes

*synonym* : banker, investor, capitalist

(1) **financier** scandals, (2) powerful **financier**

The wealthy **financier** made a generous donation to the charity.

## **inshore**

*adj.* pertaining to the area close to shore or the coastline;  
located closer to the shore than to deeper waters

*synonym*: nearshore, coastal, littoral

(1) **inshore** boat, (2) **inshore** waters

**Inshore** fishing is popular for catching smaller fish in shallow water.

## Session 2: Spelling

- |                                     |      |   |
|-------------------------------------|------|---|
| 1. begin to r_t                     | v.   | to decay, or cause something to decay, naturally and gradually  |
| 2. sh_____sh allergy                | n.   | water creatures that live in shells, especially one of the types that can be eaten  |
| 3. process of pho_____sis           | n.   | the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities. |
| 4. cause un___t                     | n.   | a state of agitation or disturbance; lack of calm or peace  |
| 5. ca___n of skyscrapers            | n.   | a large deep valley with very steep sides of rock and usually formed by a river   |
| 6. an ab___s of hopelessness        | n.   | a deep, dark, or seemingly bottomless chasm or void   |
| 7. st__k up the place               | v.   | to emit a strong, unpleasant odor; to have a strong offensive smell; to be corrupt or unethical   |
| 8. ir_____te the flowers and plants | v.   | to supply water to land to help plants grow   |
| 9. ind_____us worker                | adj. | hardworking, diligent, and persistent in effort   |
| 10. fo_____e the consequences       | v.   | to perceive or predict; to anticipate or expect something to happen in the future   |

ANSWERS: 1. rot, 2. shellfish, 3. photosynthesis, 4. unrest, 5. canyon, 6. abyss, 7. stink, 8. irrigate, 9. industrious, 10. foresee



11. se\_\_\_\_\_er pollution *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
12. in\_\_\_\_\_e boat *adj.* pertaining to the area close to shore or the coastline; located closer to the shore than to deeper waters
13. ind\_\_\_\_\_us student *adj.* hardworking, diligent, and persistent in effort
14. se\_\_\_\_\_er ten percent of the annual carbon emissions *v.* to take temporary possession of someone's property until a debt is paid.
15. in\_\_\_\_\_e waters *adj.* pertaining to the area close to shore or the coastline; located closer to the shore than to deeper waters
16. st\_\_k badly *v.* to emit a strong, unpleasant odor; to have a strong offensive smell; to be corrupt or unethical
17. bi\_\_\_\_\_l production *n.* a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels
18. oxygenic pho\_\_\_\_\_sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
19. beat sle\_\_\_\_\_ess *n.* the condition of being unable to sleep or having difficulty sleeping
20. se\_\_\_\_\_er myself from the world *v.* to take temporary possession of someone's property until a debt is paid.

ANSWERS: 11. seawater, 12. inshore, 13. industrious, 14. sequester, 15. inshore, 16. stink, 17. biofuel, 18. photosynthesis, 19. sleeplessness, 20. sequester

21. mul\_\_\_\_\_lar life *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
22. ref\_\_\_\_\_ion project *n.* the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters
23. per\_\_\_\_\_ure principles *n.* a system of agricultural and ecological design that aims to create sustainable, self-sufficient ecosystems by working with natural processes and relying on renewable resources
24. ba\_\_\_e his plan *v.* to bewilder or perplex someone completely and to be unable to understand or explain something
25. pr\_\_\_\_\_t trouble *v.* to act in advance to prevent something or to replace it with something else
26. om\_\_\_\_\_s sign *adj.* giving the impression that something bad is going to happen; foreboding
27. powerful fi\_\_\_\_\_er *n.* a person or organization that deals with or manages large sums of money, particularly for investment or financial trading purposes
28. bi\_\_\_\_\_l technology *n.* a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels
29. ba\_\_\_e outside noises *v.* to bewilder or perplex someone completely and to be unable to understand or explain something

ANSWERS: 21. multicellular, 22. reforestation, 23. permaculture, 24. baffle, 25. preempt, 26. ominous, 27. financier, 28. biofuel, 29. baffle

30. sk\_\_\_\_\_al scientists *adj.* doubting that something is accurate or useful
31. half a gi\_\_\_\_\_n of CO2 *n.* a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons
32. an om\_\_\_\_\_s silence *adj.* giving the impression that something bad is going to happen; foreboding
33. de\_\_\_\_\_e others of profit *v.* to take away something from someone
34. ref\_\_\_\_\_ion policy *n.* the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters
35. un\_\_\_\_t in the city *n.* a state of agitation or disturbance; lack of calm or peace
36. dr\_\_\_\_\_wn period *n.* the reduction or depletion of a resource, such as water, as a result of extraction or use; the act of withdrawing funds from an account or asset, typically associated with investment or borrowing
37. ir\_\_\_\_\_te fields *v.* to supply water to land to help plants grow
38. an el\_\_\_\_\_nt speaker *adj.* able to speak or write clearly and impressively
39. r\_t with age *v.* to decay, or cause something to decay, naturally and gradually
40. fi\_\_\_\_\_er scandals *n.* a person or organization that deals with or manages large sums of money, particularly for investment or financial trading purposes

ANSWERS: 30. skeptical, 31. gigaton, 32. ominous, 33. deprive, 34. reforestation, 35. unrest, 36. drawdown, 37. irrigate, 38. eloquent, 39. rot, 40. financier

41. edible sh\_\_\_\_\_sh *n.* water creatures that live in shells, especially one of the types that can be eaten
42. floating se\_\_\_\_\_d *n.* a plant that grows in the sea or on land very close to the sea, especially marine algae
43. sle\_\_\_\_\_ess disorder *n.* the condition of being unable to sleep or having difficulty sleeping
44. fo\_\_\_\_\_e challenges *v.* to perceive or predict; to anticipate or expect something to happen in the future
45. a tra\_\_\_\_\_ry missile *n.* the curved path followed by an object moving through space
46. the ab\_\_s of time *n.* a deep, dark, or seemingly bottomless chasm or void
47. bi\_\_\_\_\_r soil amendment *n.* a material produced by heating organic matter under low-oxygen conditions often used as a fertilizer or soil amendment
48. gi\_\_\_\_\_n-class bomb *n.* a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons
49. pr\_\_\_\_\_t a financial crisis *v.* to act in advance to prevent something or to replace it with something else
50. el\_\_\_\_\_nt writing *adj.* able to speak or write clearly and impressively
51. career tra\_\_\_\_\_ry *n.* the curved path followed by an object moving through space
52. per\_\_\_\_\_ure garden *n.* a system of agricultural and ecological design that aims to create sustainable, self-sufficient ecosystems by working with natural processes and relying on renewable resources

ANSWERS: 41. shellfish, 42. seaweed, 43. sleeplessness, 44. foresee, 45. trajectory, 46. abyss, 47. biochar, 48. gigaton, 49. preempt, 50. eloquent, 51. trajectory, 52. permaculture

53. bi\_\_\_\_r carbon *n.* a material produced by heating organic matter under low-oxygen conditions often used as a fertilizer or soil amendment
54. 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
55. two-seater bi\_\_\_\_e *n.* a type of airplane that has two pairs of wings, one above the other, and usually a cockpit between them
56. investment dr\_\_\_\_wn *n.* the reduction or depletion of a resource, such as water, as a result of extraction or use; the act of withdrawing funds from an account or asset, typically associated with investment or borrowing
57. mul\_\_\_\_\_lar tissues *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
58. 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
59. se\_\_\_\_er bacteria *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
60. de\_\_\_\_e him of his status *v.* to take away something from someone
61. a sk\_\_\_\_\_al attitude *adj.* doubting that something is accurate or useful
62. vintage bi\_\_\_\_e *n.* a type of airplane that has two pairs of wings, one above the other, and usually a cockpit between them

ANSWERS: 53. biochar, 54. inert, 55. biplane, 56. drawdown, 57. multicellular, 58. inert, 59. seawater, 60. deprive, 61. skeptical, 62. biplane

63. twisty ca\_\_\_n road

*n.* a large deep valley with very steep sides of rock and usually formed by a river

64. se\_\_\_\_\_d broth

*n.* a plant that grows in the sea or on land very close to the sea, especially marine algae

ANSWERS: 63. canyon, 64. seaweed

## Session 3: Fill in the Blanks

- \_\_\_\_\_ fishing is popular for catching smaller fish in shallow water.  
*adj.* pertaining to the area close to shore or the coastline; located closer to the shore than to deeper waters
- She gave an \_\_\_\_\_ speech at the graduation ceremony.  
*adj.* able to speak or write clearly and impressively
- \_\_\_\_\_ efforts are necessary to combat deforestation and its negative environmental impact.  
*n.* the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters
- The paradox \_\_\_\_\_ most philosophers.  
*v.* to bewilder or perplex someone completely and to be unable to understand or explain something
- \_\_\_\_\_ organisms are composed of many specialized cells working together.  
*adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
- \_\_\_\_\_ can cause allergic reactions in certain people.  
*n.* water creatures that live in shells, especially one of the types that can be eaten
- \_\_\_\_\_ production can be a way to manage organic waste while also generating renewable energy.  
*n.* a material produced by heating organic matter under low-oxygen conditions often used as a fertilizer or soil amendment

ANSWERS: 1. Inshore, 2. eloquent, 3. Reforestation, 4. baffled, 5. Multicellular, 6. Shellfish, 7. Biochar

8. He tried various treatments for his \_\_\_\_\_ but nothing seemed to work.  
*n.* the condition of being unable to sleep or having difficulty sleeping
9. The company has shown an excellent growth \_\_\_\_\_ over the years.  
*n.* the curved path followed by an object moving through space
10. He approved their requests to \_\_\_\_\_ the jury.  
*v.* to take temporary possession of someone's property until a debt is paid.
11. The organization initiated a \_\_\_\_\_ of resources from its disaster relief fund to assist the affected communities.  
*n.* the reduction or depletion of a resource, such as water, as a result of extraction or use; the act of withdrawing funds from an account or asset, typically associated with investment or borrowing
12. The Grand \_\_\_\_\_ has an awe-inspiring sight.  
*n.* a large deep valley with very steep sides of rock and usually formed by a river
13. He was known to be very \_\_\_\_\_ and would often work late into the night.  
*adj.* hardworking, diligent, and persistent in effort
14. The deep sea is an \_\_\_\_\_ of mystery and discovery.  
*n.* a deep, dark, or seemingly bottomless chasm or void
15. Please refrigerate the meat, or it will \_\_\_\_\_.  
*v.* to decay, or cause something to decay, naturally and gradually
16. The earthquake that hit the Pacific Ocean last night is said to have released about 30 \_\_\_\_\_ of energy.  
*n.* a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons

ANSWERS: 8. sleeplessness, 9. trajectory, 10. sequester, 11. drawdown, 12. Canyon, 13. industrious, 14. abyss, 15. rot, 16. gigatons



17. The desalination plant turned \_\_\_\_\_ into drinking water through a complex process.

*n.* water from the sea or ocean, typically containing salt and various other dissolved minerals

18. The \_\_\_\_\_ open cockpit allowed a thrilling and unobstructed view of the surrounding scenery.

*n.* a type of airplane that has two pairs of wings, one above the other, and usually a cockpit between them

19. The recent political \_\_\_\_\_ in the country has led to widespread protests and civil disobedience.

*n.* a state of agitation or disturbance; lack of calm or peace

20. The \_\_\_\_\_ clouds in the sky foretold of an approaching storm.

*adj.* giving the impression that something bad is going to happen; foreboding

21. The government \_\_\_\_\_ the release of sensitive information.

*v.* to act in advance to prevent something or to replace it with something else

22. In \_\_\_\_\_ plants use carbon dioxide to feed themselves.

*n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

23. He was \_\_\_\_\_ of his freedom when sentenced to life in prison.

*v.* to take away something from someone

24. The garbage in the alley began to \_\_\_\_\_ after a few hot days.

*v.* to emit a strong, unpleasant odor; to have a strong offensive smell; to be corrupt or unethical

ANSWERS: 17. seawater, 18. biplane's, 19. unrest, 20. ominous, 21. preempted, 22. photosynthesis, 23. deprived, 24. stink

25. I \_\_\_\_\_ a problem arising if we don't address this issue now.  
*v.* to perceive or predict; to anticipate or expect something to happen in the future
26. The \_\_\_\_\_ community emphasizes the importance of working with, not against, nature.  
*n.* a system of agricultural and ecological design that aims to create sustainable, self-sufficient ecosystems by working with natural processes and relying on renewable resources
27. His religious and philosophical beliefs were utterly \_\_\_\_\_.  
*adj.* doubting that something is accurate or useful
28. The wealthy \_\_\_\_\_ made a generous donation to the charity.  
*n.* a person or organization that deals with or manages large sums of money, particularly for investment or financial trading purposes
29. The water shortage in the region has made it difficult for farmers to \_\_\_\_\_ their crops.  
*v.* to supply water to land to help plants grow
30. The airplane was powered by a \_\_\_\_\_ made from plant-based materials.  
*n.* a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels
31. 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
32. She soaked \_\_\_\_\_ in water until tender.  
*n.* a plant that grows in the sea or on land very close to the sea, especially marine algae

ANSWERS: 25. foresee, 26. permaculture, 27. skeptical, 28. financier, 29. irrigate, 30. biofuel, 31. inert, 32. seaweed

ANSWERS: