

# Englist.me



## Vocabulary Builder Reference from...

Camille Seaman: The Arctic vs. the Antarctic | TED Talk

[https://www.ted.com/talks/camille\\_seaman\\_the\\_arctic\\_vs\\_the\\_antarctic](https://www.ted.com/talks/camille_seaman_the_arctic_vs_the_antarctic)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### arctic

*adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold

*synonym*: cold, frozen, polar

(1) **arctic** ice, (2) high **arctic**

Cold temperatures and long, dark winters characterize the **arctic** climate.

### situ

*adj.* short for "situated," meaning located or placed in a particular position or circumstance

*synonym*: situational, contextual, circumstantial

(1) ex- **situ** conservation, (2) in- **situ** control

Melanoma in **situ** is considered the earliest stage of melanoma and has a high cure rate with appropriate treatment.

### hemisphere

*n.* half of the terrestrial globe; half of a sphere

(1) northern **hemisphere**, (2) cerebral **hemisphere**

This weather pattern is unique to the southern **hemisphere**.

### penguin

*n.* a flightless sea bird that is found in the Southern Hemisphere and is known for its distinctive black and white coloring and its upright, waddling gait

(1) Adelie **penguin**, (2) **penguin** habitat

We took a boat tour to witness the magnificent **penguin** colony along the rugged coastline.

### **permafrost**

*n.* a layer of soil that is permanently below freezing, usually in polar regions

(1) **permafrost** area, (2) thawing **permafrost**

**Permafrost** is crucial to soil stability in arctic areas.

### **zooplankton**

*n.* very small animals that live in water and on which other sea creatures feed

(1) freshwater **zooplankton**, (2) floating **zooplankton**

The diversity of riverine ecosystems influences the variety of **zooplankton** in marine areas.

### **phytoplankton**

*n.* tiny little plants that float on the surface of the water and on which sea creatures feed

(1) marine **phytoplankton**, (2) **phytoplankton** blooms

She studies the relationship between marine creatures' toxicity and the **phytoplankton** they feed on.

### **windy**

*adj.* characterized by or affected by strong winds; of or relating to the wind; describing a person who talks a lot, often in an exaggerated way or without saying much substance

*synonym*: airy, gusty, breezy

(1) **windy** hillside, (2) **windy** eloquence

The weather is too **windy** for us to go on a boat ride.

### **scatter**

*v.* to cause to separate and go in different directions

*synonym*: disperse, spread, bestrew

(1) **scatter** seeds, (2) **scatter** around the internet

The hunter's approach **scattered** the geese.

### **algae**

*n.* A simple plant that grows in or near water and lacks typical leaves and roots

(1) **algae** biofuel, (2) blue **algae**

**Algae** has jammed the inlet to the water turbine.

## fungus

*n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

*synonym* : mold, mildew, yeast

(1) **fungus** infection, (2) symbiotic **fungus**

Certain types of **fungus** can be toxic to humans, causing severe illness if ingested.

## protist

*n.* a diverse group of single-celled or simple multicellular organisms, including algae, amoebas, and slime molds, that do not belong to the plant, animal, or fungus

*synonym* : organism, microbe, single-celled creature

(1) eukaryotic **protist**, (2) **protist** organism

Some **protists**, such as algae, are autotrophic and produce their food through photosynthesis, while others, such as heterotrophic protists, obtain nutrients from other sources.

## conspire

*v.* to plan or plot together secretly, especially with an evil or unlawful purpose

*synonym* : plot, scheme, collude

(1) **conspire** his ruin, (2) **conspire** to corner the market

The group of friends **conspired** to pull a prank on their teacher.

## aphelion

*n.* the point in the orbit of a planet, comet, or other celestial body where it is farthest from the sun or central body it orbits; the opposite of perihelion

*synonym* : apogee, perihelion, furthest point

(1) **aphelion** distance, (2) reaching **aphelion**

As the planet moves towards **aphelion**, its orbital speed decreases.

## whammy

*n.* a powerful or devastating effect or influence; (double whammy) an adverse effect that is compounded by

another negative effect

*synonym* : spell, hex, jinx

(1) **whammy** of bad news, (2) get the double **whammy**

The company's stock took a **whammy** after the scandal broke.

## **inhospitable**

*adj.* harsh and difficult to stay in or grow; unfriendly and unwelcoming towards people who visit you

*synonym* : sterile, unfriendly, unwelcoming

(1) **inhospitable** environment, (2) in an **inhospitable** manner

He trekked across some of the most **inhospitable** mountains in the world.

## **temperate**

*adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude

*synonym* : moderate, mild, genial

(1) **temperate** grassland, (2) **temperate** behavior

The **temperate** climate of the region made it an ideal vacation spot.

## Session 2: Spelling

- |                             |   |
|-----------------------------|---|
| 1. per_____st area          | <i>n.</i> a layer of soil that is permanently below freezing, usually in polar regions  |
| 2. high ar____c             | <i>adj.</i> of or relating to the region around the North Pole or the Arctic Ocean; very cold   |
| 3. in an inh_____ble manner | <i>adj.</i> harsh and difficult to stay in or grow; unfriendly and unwelcoming towards people who visit you   |
| 4. get the double wh____y   | <i>n.</i> a powerful or devastating effect or influence; (double whammy) an adverse effect that is compounded by another negative effect  |
| 5. al__e biofuel            | <i>n.</i> A simple plant that grows in or near water and lacks typical leaves and roots   |
| 6. inh_____ble environment  | <i>adj.</i> harsh and difficult to stay in or grow; unfriendly and unwelcoming towards people who visit you   |
| 7. freshwater zoo_____on    | <i>n.</i> very small animals that live in water and on which other sea creatures feed   |
| 8. co_____re his ruin       | <i>v.</i> to plan or plot together secretly, especially with an evil or unlawful purpose  |
| 9. symbiotic fu____s        | <i>n.</i> a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive |

ANSWERS: 1. permafrost, 2. arctic, 3. inhospitable, 4. whammy, 5. algae, 6. inhospitable, 7. zooplankton, 8. conspire, 9. fungus

10. thawing per\_\_\_\_\_st *n.* a layer of soil that is permanently below freezing, usually in polar regions
11. ar\_\_\_c ice *adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
12. sc\_\_\_\_\_r seeds *v.* to cause to separate and go in different directions
13. sc\_\_\_\_\_r around the internet *v.* to cause to separate and go in different directions
14. pr\_\_\_\_\_t organism *n.* a diverse group of single-celled or simple multicellular organisms, including algae, amoebas, and slime molds, that do not belong to the plant, animal, or fungus
15. ap\_\_\_\_\_on distance *n.* the point in the orbit of a planet, comet, or other celestial body where it is farthest from the sun or central body it orbits; the opposite of perihelion
16. fu\_\_\_s infection *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
17. co\_\_\_\_\_re to corner the market *v.* to plan or plot together secretly, especially with an evil or unlawful purpose
18. northern hem\_\_\_\_\_re *n.* half of the terrestrial globe; half of a sphere
19. ex-s\_\_u conservation *adj.* short for "situated," meaning located or placed in a particular position or circumstance

ANSWERS: 10. permafrost, 11. arctic, 12. scatter, 13. scatter, 14. protist, 15. aphelion, 16. fungus, 17. conspire, 18. hemisphere, 19. situ

20. cerebral hem\_\_\_\_\_re *n.* half of the terrestrial globe; half of a sphere
21. marine phy\_\_\_\_\_ton *n.* tiny little plants that float on the surface of the water and on which sea creatures feed
22. phy\_\_\_\_\_ton blooms *n.* tiny little plants that float on the surface of the water and on which sea creatures feed
23. in-s\_\_u control *adj.* short for "situated," meaning located or placed in a particular position or circumstance
24. wh\_\_\_y of bad news *n.* a powerful or devastating effect or influence; (double whammy) an adverse effect that is compounded by another negative effect
25. wi\_\_y eloquence *adj.* characterized by or affected by strong winds; of or relating to the wind; describing a person who talks a lot, often in an exaggerated way or without saying much substance
26. te\_\_\_\_\_te behavior *adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude
27. eukaryotic pr\_\_\_\_\_t *n.* a diverse group of single-celled or simple multicellular organisms, including algae, amoebas, and slime molds, that do not belong to the plant, animal, or fungus

ANSWERS: 20. hemisphere, 21. phytoplankton, 22. phytoplankton, 23. situ, 24. whammy, 25. windy, 26. temperate, 27. protist

28. floating zoo\_\_\_\_\_on *n.* very small animals that live in water and on which other sea creatures feed
29. reaching ap\_\_\_\_\_on *n.* the point in the orbit of a planet, comet, or other celestial body where it is farthest from the sun or central body it orbits; the opposite of perihelion
30. wi\_\_y hillside *adj.* characterized by or affected by strong winds; of or relating to the wind; describing a person who talks a lot, often in an exaggerated way or without saying much substance
31. blue al\_\_e *n.* A simple plant that grows in or near water and lacks typical leaves and roots
32. te\_\_\_\_\_te grassland *adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude
33. Adelie pe\_\_\_\_\_n *n.* a flightless sea bird that is found in the Southern Hemisphere and is known for its distinctive black and white coloring and its upright, waddling gait
34. pe\_\_\_\_\_n habitat *n.* a flightless sea bird that is found in the Southern Hemisphere and is known for its distinctive black and white coloring and its upright, waddling gait

ANSWERS: 28. zooplankton, 29. aphelion, 30. windy, 31. algae, 32. temperate, 33. penguin, 34. penguin



## Session 3: Fill in the Blanks

1. \_\_\_\_\_ is crucial to soil stability in arctic areas.  
*n.* a layer of soil that is permanently below freezing, usually in polar regions
2. Some \_\_\_\_\_ such as algae, are autotrophic and produce their food through photosynthesis, while others, such as heterotrophic protists, obtain nutrients from other sources.  
*n.* a diverse group of single-celled or simple multicellular organisms, including algae, amoebas, and slime molds, that do not belong to the plant, animal, or fungus
3. As the planet moves towards \_\_\_\_\_ its orbital speed decreases.  
*n.* the point in the orbit of a planet, comet, or other celestial body where it is farthest from the sun or central body it orbits; the opposite of perihelion
4. \_\_\_\_\_ has jammed the inlet to the water turbine.  
*n.* A simple plant that grows in or near water and lacks typical leaves and roots
5. We took a boat tour to witness the magnificent \_\_\_\_\_ colony along the rugged coastline.  
*n.* a flightless sea bird that is found in the Southern Hemisphere and is known for its distinctive black and white coloring and its upright, waddling gait
6. Melanoma in \_\_\_\_\_ is considered the earliest stage of melanoma and has a high cure rate with appropriate treatment.  
*adj.* short for "situated," meaning located or placed in a particular position or circumstance
7. Certain types of \_\_\_\_\_ can be toxic to humans, causing severe illness if ingested.  
*n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

ANSWERS: 1. Permafrost, 2. protists, 3. aphelion, 4. Algae, 5. penguin, 6. situ, 7.

fungus

8. The hunter's approach \_\_\_\_\_ the geese.  
*v.* to cause to separate and go in different directions
9. She studies the relationship between marine creatures' toxicity and the \_\_\_\_\_ they feed on.  
*n.* tiny little plants that float on the surface of the water and on which sea creatures feed
10. This weather pattern is unique to the southern \_\_\_\_\_.  
*n.* half of the terrestrial globe; half of a sphere
11. The diversity of riverine ecosystems influences the variety of \_\_\_\_\_ in marine areas.  
*n.* very small animals that live in water and on which other sea creatures feed
12. He trekked across some of the most \_\_\_\_\_ mountains in the world.  
*adj.* harsh and difficult to stay in or grow; unfriendly and unwelcoming towards people who visit you
13. Cold temperatures and long, dark winters characterize the \_\_\_\_\_ climate.  
*adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
14. The group of friends \_\_\_\_\_ to pull a prank on their teacher.  
*v.* to plan or plot together secretly, especially with an evil or unlawful purpose
15. The \_\_\_\_\_ climate of the region made it an ideal vacation spot.  
*adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude

ANSWERS: 8. scattered, 9. phytoplankton, 10. hemisphere, 11. zooplankton, 12. inhospitable, 13. arctic, 14. conspired, 15. temperate

16. The company's stock took a \_\_\_\_\_ after the scandal broke.

*n.* a powerful or devastating effect or influence; (double whammy) an adverse effect that is compounded by another negative effect

17. The weather is too \_\_\_\_\_ for us to go on a boat ride.

*adj.* characterized by or affected by strong winds; of or relating to the wind; describing a person who talks a lot, often in an exaggerated way or without saying much substance

ANSWERS: 16. whammy, 17. windy