

# Englist.me



## Vocabulary Builder Reference from...

Nathan S. Jacobs: How do schools of fish swim in harmony? | TED Talk

[https://www.ted.com/talks/nathan\\_s\\_jacobs\\_how\\_do\\_schools\\_of\\_fish\\_swim\\_in\\_harmony](https://www.ted.com/talks/nathan_s_jacobs_how_do_schools_of_fish_swim_in_harmony)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### swarm

*n.* a group of many things, such as insects, fishes, etc., in the air or water or on the ground

*synonym* : horde, hive, throng

(1) a **swarm** of mosquitoes, (2) locust **swarm**

A **swarm** of angry bees attacked because we had approached the hive.

### evade

*v.* to escape from or avoid meeting someone or something

*synonym* : dodge, avoid, bypass

(1) **evade** capture, (2) **evade** an issue

The jailbroken criminal is continuously attempting to **evade** the cops.

### predator

*n.* an animal whose natural behavior is to prey on others

*synonym* : vulture, bloodsucker

(1) apex **predator**, (2) sexual **predators**

The native South American animals were in danger because of the **predator's** arrival.

### minutiae

*n.* (plural form of "minutia") small or trivial details, often referring to specific aspects or components of a larger whole

*synonym* : details, specifics, particulars

(1) **minutiae** of scientific measurement, (2) irrelevant **minutiae**

She was obsessed with every **minutiae** of her wedding planning, from the flower arrangements to the seating chart.

## predate

v. to have existed or happened earlier than something  
*synonym*: foredate, antedate, precede

(1) **predate** A.D. 200., (2) **predate** the modern age

The idea of virtual worlds **predates** computers.

## 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**.

## tumble

v. to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance

*synonym*: fall, stumble, plummet

(1) **tumble** down the hill, (2) confidence **tumbles** as unemployment rates rose

The value of the currency **tumbled** against major international currencies.

## ripple

n. a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind

*synonym*: wave, undulation, fluctuation

(1) a **ripple** of laughter, (2) **ripple** in the water

Many businesses felt the **ripple** effect of the economy's decline.

## radiate

v. to spread out or emit something, such as light or heat, in all directions

*synonym*: give off, scatter, beam

(1) **radiate** an aura, (2) **radiate** in all directions

Roads **radiate** from the famous building in the center of the

city.

## snowflake

*n.* a small, thin, delicate piece of snow; a person, especially a young person, who is perceived as overly sensitive, easily offended, or with an inflated sense of entitlement

*synonym*: flake, crystal, ice pellet

(1) delicate **snowflake**, (2) **snowflake** pattern

The Christmas tree was beautifully decorated with delicate **snowflake** ornaments.

## neuron

*n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body

*synonym*: nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

## 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**.

## reliant

*adj.* needing something or something to continue, to work correctly, or to succeed

*synonym*: dependent, subservient

(1) heavily **reliant** on oil, (2) export- **reliant** economy

The company is heavily **reliant** on its overseas operations for revenue.

## excite

*v.* to make someone feel suddenly enthusiastic or eager

*synonym*: thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

## rhythmic

*adj.* having a pattern of regular beats or a regular beat; characterized by rhythm

*synonym* : measured, metrical, cadenced

(1) a **rhythmic** stroking, (2) in a **rhythmic** pace

The **rhythmic** sound of the drums was mesmerizing.

## disinhibition

*n.* the reduction or absence of inhibitions or restraints, leading to a loss of self-control or restraint in expressing one's thoughts, feelings, or behaviors

*synonym* : uninhibition, lack of restraint, impulsiveness

(1) social **disinhibition**, (2) dementia-related **disinhibition**

His behavioral **disinhibition** after the brain injury has created challenges in his everyday life.

## chaotic

*adj.* without any order or organization; extremely disorganized, unpredictable, and confusing

*synonym* : disorderly, cluttered, topsy-turvy

(1) the **chaotic** economic situation, (2) **chaotic** theory

Change is also occurring in Turkey as a result of **chaotic** reform.

## 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.

## reproducibility

*n.* the ability of an experiment, study, or result to be replicated or repeated by different researchers or laboratories, often seen as a key aspect of scientific rigor

*synonym* : repeatability, replicability, consistency

(1) **reproducibility** measure, (2) scientific **reproducibility**

The researchers spent considerable effort to ensure the **reproducibility** of their experiments.

## emergent

*adj.* starting to exist or view, or to become known

*synonym*: coming, appearing, developing

(1) **emergent** repair of an aorta, (2) an **emergent** republic  
Extensive areas of **emergent** plants are usually called marsh.

## pandemonium

*n.* wild and noisy chaos, uproar, or confusion; a state of disorder or tumult

*synonym*: chaos, bedlam, mayhem

(1) **pandemonium** in the stadium, (2) noisy **pandemonium**  
The chaotic concert turned into **pandemonium** when the band took the stage.

## tangle

*n.* a confused mass of something twisted together

*synonym*: knot, snarl, entanglement

(1) in a **tangle**, (2) **tangle** wires

The cords behind my computer were a **tangled** mess.

## thicket

*n.* a dense group of trees, shrubs, or other plants, often forming an impenetrable barrier; a tangle or cluster of something that obstructs or impedes progress or movement

*synonym*: thorn patch, bramble, copse

(1) dense **thicket**, (2) **thicket** of bushes

The hikers had to cut through the **thicket** to descend the mountain.

## Session 2: Spelling

1. em\_\_\_\_nt repair of an aorta *adj.* starting to exist or view, or to become known
2. pr\_\_\_\_e A.D. 200. *v.* to have existed or happened earlier than something
3. delicate sn\_\_\_\_\_ke *n.* a small, thin, delicate piece of snow; a person, especially a young person, who is perceived as overly sensitive, easily offended, or with an inflated sense of entitlement
4. an em\_\_\_\_nt republic *adj.* starting to exist or view, or to become known
5. dense th\_\_\_\_t *n.* a dense group of trees, shrubs, or other plants, often forming an impenetrable barrier; a tangle or cluster of something that obstructs or impedes progress or movement
6. the ch\_\_\_\_c economic situation *adj.* without any order or organization; extremely disorganized, unpredictable, and confusing
7. mi\_\_\_\_ae of scientific measurement *n.* (plural form of "minutia") small or trivial details, often referring to specific aspects or components of a larger whole
8. sexual pr\_\_\_\_ors *n.* an animal whose natural behavior is to prey on others
9. scientific rep\_\_\_\_\_ity *n.* the ability of an experiment, study, or result to be replicated or repeated by different researchers or laboratories, often seen as a key aspect of scientific rigor

ANSWERS: 1. emergent, 2. predate, 3. snowflake, 4. emergent, 5. thicket, 6. chaotic, 7. minutiae, 8. predator, 9. reproducibility

10. ra\_\_\_\_\_e in all directions      *v.* to spread out or emit something, such as light or heat, in all directions
11. ra\_\_\_\_\_e an aura      *v.* to spread out or emit something, such as light or heat, in all directions
12. rep\_\_\_\_\_ity measure      *n.* the ability of an experiment, study, or result to be replicated or repeated by different researchers or laboratories, often seen as a key aspect of scientific rigor
13. a tra\_\_\_\_\_ry missile      *n.* the curved path followed by an object moving through space
14. in a rh\_\_\_\_\_ic pace      *adj.* having a pattern of regular beats or a regular beat; characterized by rhythm
15. pan\_\_\_\_\_um in the stadium      *n.* wild and noisy chaos, uproar, or confusion; a state of disorder or tumult
16. sn\_\_\_\_\_ke pattern      *n.* a small, thin, delicate piece of snow; a person, especially a young person, who is perceived as overly sensitive, easily offended, or with an inflated sense of entitlement
17. ev\_\_e capture      *v.* to escape from or avoid meeting someone or something
18. apex pr\_\_\_\_\_or      *n.* an animal whose natural behavior is to prey on others
19. excite the ne\_\_\_\_ns      *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
20. irrelevant mi\_\_\_\_\_ae      *n.* (plural form of "minutia") small or trivial details, often referring to specific aspects or components of a larger whole

ANSWERS: 10. radiate, 11. radiate, 12. reproducibility, 13. trajectory, 14. rhythmic, 15. pandemonium, 16. snowflake, 17. evade, 18. predator, 19. neuron, 20. minutiae

21. heavily re\_\_\_\_\_t on oil *adj.* needing something or something to continue, to work correctly, or to succeed
22. th\_\_\_\_\_t of bushes *n.* a dense group of trees, shrubs, or other plants, often forming an impenetrable barrier; a tangle or cluster of something that obstructs or impedes progress or movement
23. noisy pan\_\_\_\_\_um *n.* wild and noisy chaos, uproar, or confusion; a state of disorder or tumult
24. unr\_\_\_\_\_le source of information *adj.* not able to be trusted or depended on
25. ex\_\_\_e rebellion *v.* to make someone feel suddenly enthusiastic or eager
26. co\_\_\_\_\_e head-on *v.* to hit something violently when moving
27. tu\_\_\_e down the hill *v.* to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance
28. career tra\_\_\_\_\_ry *n.* the curved path followed by an object moving through space
29. a rh\_\_\_\_\_ic stroking *adj.* having a pattern of regular beats or a regular beat; characterized by rhythm
30. ta\_\_\_e wires *n.* a confused mass of something twisted together
31. in a ta\_\_\_e *n.* a confused mass of something twisted together
32. locust sw\_\_\_m *n.* a group of many things, such as insects, fishes, etc., in the air or water or on the ground

ANSWERS: 21. reliant, 22. thicket, 23. pandemonium, 24. unreliable, 25. excite, 26. collide, 27. tumble, 28. trajectory, 29. rhythmic, 30. tangle, 31. tangle, 32. swarm



33. ch\_\_\_\_c theory *adj.* without any order or organization; extremely disorganized, unpredictable, and confusing
34. dementia-related dis\_\_\_\_\_ion *n.* the reduction or absence of inhibitions or restraints, leading to a loss of self-control or restraint in expressing one's thoughts, feelings, or behaviors
35. pr\_\_\_\_e the modern age *v.* to have existed or happened earlier than something
36. a ri\_\_\_\_e of laughter *n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind
37. confidence tu\_\_\_\_es as unemployment rates rose *v.* to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance
38. ne\_\_\_\_n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
39. ri\_\_\_\_e in the water *n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind
40. prove unr\_\_\_\_le *adj.* not able to be trusted or depended on
41. co\_\_\_\_e in midair *v.* to hit something violently when moving
42. export-re\_\_\_\_t economy *adj.* needing something or something to continue, to work correctly, or to succeed

ANSWERS: 33. chaotic, 34. disinhibition, 35. predate, 36. ripple, 37. tumble, 38. neuron, 39. ripple, 40. unreliable, 41. collide, 42. reliant

43. a sw\_\_m of mosquitoes *n.* a group of many things, such as insects, fishes, etc., in the air or water or on the ground
44. ev\_\_e an issue *v.* to escape from or avoid meeting someone or something
45. social dis\_\_\_\_\_ion *n.* the reduction or absence of inhibitions or restraints, leading to a loss of self-control or restraint in expressing one's thoughts, feelings, or behaviors
46. ex\_\_\_e the crowd *v.* to make someone feel suddenly enthusiastic or eager

ANSWERS: 43. swarm, 44. evade, 45. disinhibition, 46. excite

## Session 3: Fill in the Blanks

1. A \_\_\_\_\_ of angry bees attacked because we had approached the hive.  
*n.* a group of many things, such as insects, fishes, etc., in the air or water or on the ground
2. The jailbroken criminal is continuously attempting to \_\_\_\_\_ the cops.  
*v.* to escape from or avoid meeting someone or something
3. The \_\_\_\_\_ sound of the drums was mesmerizing.  
*adj.* having a pattern of regular beats or a regular beat; characterized by rhythm
4. The news of her promotion \_\_\_\_\_ her.  
*v.* to make someone feel suddenly enthusiastic or eager
5. Change is also occurring in Turkey as a result of \_\_\_\_\_ reform.  
*adj.* without any order or organization; extremely disorganized, unpredictable, and confusing
6. The idea of virtual worlds \_\_\_\_\_ computers.  
*v.* to have existed or happened earlier than something
7. Many businesses felt the \_\_\_\_\_ effect of the economy's decline.  
*n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind
8. The value of the currency \_\_\_\_\_ against major international currencies.  
*v.* to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance

ANSWERS: 1. swarm, 2. evade, 3. rhythmic, 4. excited, 5. chaotic, 6. predates, 7. ripple, 8. tumbled

9. The cords behind my computer were a \_\_\_\_\_ mess.  
*n.* a confused mass of something twisted together
10. The company is heavily \_\_\_\_\_ on its overseas operations for revenue.  
*adj.* needing something or something to continue, to work correctly, or to succeed
11. The Christmas tree was beautifully decorated with delicate \_\_\_\_\_ ornaments.  
*n.* a small, thin, delicate piece of snow; a person, especially a young person, who is perceived as overly sensitive, easily offended, or with an inflated sense of entitlement
12. The interests of the two countries \_\_\_\_\_.  
*v.* to hit something violently when moving
13. The chaotic concert turned into \_\_\_\_\_ when the band took the stage.  
*n.* wild and noisy chaos, uproar, or confusion; a state of disorder or tumult
14. Our body transfers information along each \_\_\_\_\_ using an electrical impulse.  
*n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
15. The company has shown an excellent growth \_\_\_\_\_ over the years.  
*n.* the curved path followed by an object moving through space
16. Extensive areas of \_\_\_\_\_ plants are usually called marsh.  
*adj.* starting to exist or view, or to become known
17. The native South American animals were in danger because of the \_\_\_\_\_ arrival.  
*n.* an animal whose natural behavior is to prey on others

ANSWERS: 9. tangled, 10. reliant, 11. snowflake, 12. collide, 13. pandemonium, 14. neuron, 15. trajectory, 16. emergent, 17. predator's

18. The hikers had to cut through the \_\_\_\_\_ to descend the mountain.
- n.* a dense group of trees, shrubs, or other plants, often forming an impenetrable barrier; a tangle or cluster of something that obstructs or impedes progress or movement
19. Roads \_\_\_\_\_ from the famous building in the center of the city.
- v.* to spread out or emit something, such as light or heat, in all directions
20. By incorrect assumption, statistics can be notoriously \_\_\_\_\_.
- adj.* not able to be trusted or depended on
21. His behavioral \_\_\_\_\_ after the brain injury has created challenges in his everyday life.
- n.* the reduction or absence of inhibitions or restraints, leading to a loss of self-control or restraint in expressing one's thoughts, feelings, or behaviors
22. The researchers spent considerable effort to ensure the \_\_\_\_\_ of their experiments.
- n.* the ability of an experiment, study, or result to be replicated or repeated by different researchers or laboratories, often seen as a key aspect of scientific rigor
23. She was obsessed with every \_\_\_\_\_ of her wedding planning, from the flower arrangements to the seating chart.
- n.* (plural form of "minutia") small or trivial details, often referring to specific aspects or components of a larger whole

ANSWERS: 18. thicket, 19. radiate, 20. unreliable, 21. disinhibition, 22. reproducibility, 23. minutiae