

# Englist.me



## Vocabulary Builder Reference from...

Andreas Raptopoulos: No roads? There's a drone for that | TED Talk

[https://www.ted.com/talks/andreas\\_raptopoulos\\_no\\_roads\\_there\\_s\\_a\\_drone\\_for\\_that](https://www.ted.com/talks/andreas_raptopoulos_no_roads_there_s_a_drone_for_that)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### medicinal

*adj.* of or relating to the treatment or cure of disease

*synonym*: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

### sub-Saharan

*adj.* of or relating to or situated in the area south of the Sahara Desert

(1) **sub-Saharan** Africa, (2) **sub-Saharan** countries

The coffee producers in **sub-Saharan** countries are at the sharp end of fluctuations in price.

### footprint

*n.* a mark of a foot, shoe, or animal's foot left on a surface

*synonym*: footmark, imprint, impression

(1) **footprints** in the snow, (2) the **footprints** of an earlier civilization

We choose transportation that has a smaller carbon **footprint**.

### congest

*v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid

*synonym*: clog, choke, crowd

(1) **congest** in a vein, (2) **congest** a highway

The roads to the airport were heavily **congested**.

## leapfrog

*n.* a children's game in which players take turns jumping over each other's stooped backs

*synonym*: hopping, jumpfrog

(1) **leapfrog** game, (2) **leapfrog** technology

During recess, the children played a game of **leapfrog** in the schoolyard.

## quad

*n.* (short for quadrangle) a square or rectangular open area or courtyard, often surrounded by buildings or used for recreational or social purposes

*synonym*: quadrangle, square, block

(1) **quad** room, (2) **quad** biking

We met at the campus **quad** to study for our upcoming exams.

## trespass

*v.* to enter someone's private property without permission or legal authority; to infringe upon or violate someone's rights, boundaries, or personal space

*synonym*: intrude, invade, encroach

(1) **trespass** against his rights, (2) **trespass** into the country's waters

The sign warns visitors not to **trespass** on private property.

## counterintuitive

*adj.* contrary to what common sense would suggest

*synonym*: unreasonable, paradoxical, nonsensical

(1) **counterintuitive** results, (2) **counterintuitive** behavior

The **counterintuitive** nature of quantum physics has been a source of confusion for scientists for decades.

## expend

*v.* to use or spend time, money, energy, etc.

*synonym*: disburse, spend, pay

(1) **expend** a great deal of energy, (2) **expend** time and resources

Billionaires tend to **expend** private funds on a public

undertaking.

## decentralize

*v.* to move the power, control, or authority of an organization, government, or system from a single place to several smaller ones

*synonym* : deconcentrate, disperse, distribute

(1) **decentralize** authority, (2) **decentralize** organizational structure

We need to **decentralize** our data to recover quickly from a disaster.

## bidirectional

*adj.* capable of functioning or moving in two opposite directions; involving or allowing communication or transmission in two opposite directions

*synonym* : two-way, reciprocal, dual

(1) **bidirectional** communication, (2) **bidirectional** street

The **bidirectional** flow of information allows for efficient communication between the two departments.

## adaptable

*adj.* able or willing to modify or be modified to deal with new situations

*synonym* : flexible, adjustable, elastic

(1) **adaptable** enough for the environment, (2) an **adaptable** person

We seek a candidate who possesses **adaptable** fighting potential.

## megacity

*n.* a huge city, especially with a population of more than 10 million people

(1) **megacity** pollution, (2) **megacity** project

The fishing village grew rapidly into a bustling **megacity**.

## urbanization

*n.* the process of population growth and physical expansion of cities, often involving increased migration from rural areas and the development of urban infrastructure and culture

*synonym* : urban development, urban growth, urban expansion

(1) **urbanization** process, (2) non- **urbanization** area  
Rapid **urbanization** has led to many environmental and social issues in cities.

## inefficient

*adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.

*synonym*: ineffective, counterproductive, inadequate

(1) **inefficient** use, (2) **inefficient** management

The system is still so **inefficient** that it is useless.

## drone

*n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

*synonym*: hum, whirr, idler

(1) **drone** flight, (2) the speaker's **drone**

He heard a **drone** of sirens roar from the neighboring town.

## unpopular

*adj.* not liked, supported, or approved by many people; having an unfavorable reputation

*synonym*: disliked, unloved, unsupported

(1) **unpopular** decision, (2) an **unpopular** opinion

The politician's stance on controversial issues made him an **unpopular** candidate for many voters.

## livable

*adj.* capable of being lived in comfortably and sustainably; suitable for human habitation

*synonym*: habitable, comfortable, pleasant

(1) **livable** city, (2) **livable** housing

Finding a safe and **livable** neighborhood is important when looking for a new place to live.

## Session 2: Spelling

- |  |   |
|--|---|
| 1. le____og technology                       | <i>n.</i> a children's game in which players take turns jumping over each other's stooped backs   |
| 2. the fo_____nts of an earlier civilization | <i>n.</i> a mark of a foot, shoe, or animal's foot left on a surface  |
| 3. the speaker's dr__e                       | <i>n.</i> a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control                                      |
| 4. tr_____ss into the country's waters       | <i>v.</i> to enter someone's private property without permission or legal authority; to infringe upon or violate someone's rights, boundaries, or personal space                          |
| 5. ex____d a great deal of energy            | <i>v.</i> to use or spend time, money, energy, etc.   |
| 6. urb_____ion process                       | <i>n.</i> the process of population growth and physical expansion of cities, often involving increased migration from rural areas and the development of urban infrastructure and culture |
| 7. un_____ar decision                        | <i>adj.</i> not liked, supported, or approved by many people; having an unfavorable reputation  |
| 8. me____ty project                          | <i>n.</i> a huge city, especially with a population of more than 10 million people  |
| 9. fo_____nts in the snow                    | <i>n.</i> a mark of a foot, shoe, or animal's foot left on a surface  |

ANSWERS: 1. leapfrog, 2. footprint, 3. drone, 4. trespass, 5. expend, 6. urbanization, 7. unpopular, 8. megacity, 9. footprint

10. li\_\_\_\_e housing *adj.* capable of being lived in comfortably and sustainably; suitable for human habitation
11. li\_\_\_\_e city *adj.* capable of being lived in comfortably and sustainably; suitable for human habitation
12. ine\_\_\_\_\_nt use *adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
13. ex\_\_\_\_d time and resources *v.* to use or spend time, money, energy, etc.
14. dec\_\_\_\_\_ize organizational structure *v.* to move the power, control, or authority of an organization, government, or system from a single place to several smaller ones
15. sub\_\_\_\_\_an Africa *adj.* of or relating to or situated in the area south of the Sahara Desert
16. bid\_\_\_\_\_nal communication *adj.* capable of functioning or moving in two opposite directions; involving or allowing communication or transmission in two opposite directions
17. q\_\_d biking *n.* (short for quadrangle) a square or rectangular open area or courtyard, often surrounded by buildings or used for recreational or social purposes
18. an ad\_\_\_\_\_le person *adj.* able or willing to modify or be modified to deal with new situations
19. le\_\_\_\_og game *n.* a children's game in which players take turns jumping over each other's stooped backs

ANSWERS: 10. livable, 11. livable, 12. inefficient, 13. expend, 14. decentralize, 15. sub-Saharan, 16. bidirectional, 17. quad, 18. adaptable, 19. leapfrog

20. non-urb\_\_\_\_\_ion area      *n.* the process of population growth and physical expansion of cities, often involving increased migration from rural areas and the development of urban infrastructure and culture
21. co\_\_\_\_\_t in a vein      *v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
22. dec\_\_\_\_\_ize authority      *v.* to move the power, control, or authority of an organization, government, or system from a single place to several smaller ones
23. ad\_\_\_\_\_le enough for the environment      *adj.* able or willing to modify or be modified to deal with new situations
24. cou\_\_\_\_\_ive behavior      *adj.* contrary to what common sense would suggest
25. tr\_\_\_\_\_ss against his rights      *v.* to enter someone's private property without permission or legal authority; to infringe upon or violate someone's rights, boundaries, or personal space
26. sub\_\_\_\_\_an countries      *adj.* of or relating to or situated in the area south of the Sahara Desert
27. ine\_\_\_\_\_nt management      *adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
28. q\_\_d room      *n.* (short for quadrangle) a square or rectangular open area or courtyard, often surrounded by buildings or used for recreational or social purposes

ANSWERS: 20. urbanization, 21. congest, 22. decentralize, 23. adaptable, 24. counterintuitive, 25. trespass, 26. sub-Saharan, 27. inefficient, 28. quad

29. dr\_\_e flight *n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control
30. co\_\_\_\_t a highway *v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
31. traditional me\_\_\_\_\_al *adj.* of or relating to the treatment or cure of disease
32. me\_\_\_\_\_ty pollution *n.* a huge city, especially with a population of more than 10 million people
33. an un\_\_\_\_\_ar opinion *adj.* not liked, supported, or approved by many people; having an unfavorable reputation
34. me\_\_\_\_\_al chemistry *adj.* of or relating to the treatment or cure of disease
35. cou\_\_\_\_\_ive results *adj.* contrary to what common sense would suggest
36. bid\_\_\_\_\_nal street *adj.* capable of functioning or moving in two opposite directions; involving or allowing communication or transmission in two opposite directions

ANSWERS: 29. drone, 30. congest, 31. medicinal, 32. megacity, 33. unpopular, 34. medicinal, 35. counterintuitive, 36. bidirectional



## Session 3: Fill in the Blanks

1. We seek a candidate who possesses \_\_\_\_\_ fighting potential.  
*adj.* able or willing to modify or be modified to deal with new situations
2. Billionaires tend to \_\_\_\_\_ private funds on a public undertaking.  
*v.* to use or spend time, money, energy, etc.
3. The roads to the airport were heavily \_\_\_\_\_.  
*v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
4. Finding a safe and \_\_\_\_\_ neighborhood is important when looking for a new place to live.  
*adj.* capable of being lived in comfortably and sustainably; suitable for human habitation
5. Rapid \_\_\_\_\_ has led to many environmental and social issues in cities.  
*n.* the process of population growth and physical expansion of cities, often involving increased migration from rural areas and the development of urban infrastructure and culture
6. The sign warns visitors not to \_\_\_\_\_ on private property.  
*v.* to enter someone's private property without permission or legal authority; to infringe upon or violate someone's rights, boundaries, or personal space
7. During recess, the children played a game of \_\_\_\_\_ in the schoolyard.  
*n.* a children's game in which players take turns jumping over each other's stooped backs

ANSWERS: 1. adaptable, 2. expend, 3. congested, 4. livable, 5. urbanization, 6. trespass, 7. leapfrog

8. We met at the campus \_\_\_\_\_ to study for our upcoming exams.  
*n.* (short for quadrangle) a square or rectangular open area or courtyard, often surrounded by buildings or used for recreational or social purposes
9. The \_\_\_\_\_ nature of quantum physics has been a source of confusion for scientists for decades.  
*adj.* contrary to what common sense would suggest
10. The politician's stance on controversial issues made him an \_\_\_\_\_ candidate for many voters.  
*adj.* not liked, supported, or approved by many people; having an unfavorable reputation
11. The system is still so \_\_\_\_\_ that it is useless.  
*adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
12. We choose transportation that has a smaller carbon \_\_\_\_\_.  
*n.* a mark of a foot, shoe, or animal's foot left on a surface
13. The fishing village grew rapidly into a bustling \_\_\_\_\_.  
*n.* a huge city, especially with a population of more than 10 million people
14. The coffee producers in \_\_\_\_\_ countries are at the sharp end of fluctuations in price.  
*adj.* of or relating to or situated in the area south of the Sahara Desert
15. The \_\_\_\_\_ flow of information allows for efficient communication between the two departments.  
*adj.* capable of functioning or moving in two opposite directions; involving or allowing communication or transmission in two opposite directions

ANSWERS: 8. quad, 9. counterintuitive, 10. unpopular, 11. inefficient, 12. footprint, 13. megacity, 14. sub-Saharan, 15. bidirectional

16. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.

*adj.* of or relating to the treatment or cure of disease

17. He heard a \_\_\_\_\_ of sirens roar from the neighboring town.

*n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

18. We need to \_\_\_\_\_ our data to recover quickly from a disaster.

*v.* to move the power, control, or authority of an organization, government, or system from a single place to several smaller ones

ANSWERS: 16. medicinal, 17. drone, 18. decentralize