

# Englist.me



## Vocabulary Builder Reference from...

*Sims Witherspoon: Can AI help solve the climate crisis? | TED Talk*

[https://www.ted.com/talks/sims\\_witherspoon\\_can\\_ai\\_help\\_solve\\_the\\_climate\\_crisis](https://www.ted.com/talks/sims_witherspoon_can_ai_help_solve_the_climate_crisis)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### electrify

*v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

*synonym*: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

### sociopolitical

*adj.* relating to both social and political aspects of society; having to do with how politics and social issues are interconnected or influence each other

*synonym*: social, political, community-based

(1) **sociopolitical** issues, (2) **sociopolitical** unrest

The **sociopolitical** climate of the country has led to a rise in protests and demonstrations.

### optimist

*n.* a person who tends to expect the best in all things and to be hopeful and confident about the future

*synonym*: positive thinker, dreamer, idealist

(1) **optimist** by nature, (2) excessive **optimist**

She is a confident **optimist** who always looks on the bright side.

## superpower

*n.* a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities

*synonym*: great power, empire, hegemony

(1) **superpower** country, (2) **superpower** leader

The ability to fly like a bird is often considered a **superpower** in comic books and movies.

## unquestionably

*adv.* without a doubt; certainly

*synonym*: certainly, undoubtedly, without doubt

(1) **unquestionably** bad, (2) **unquestionably** safe

**Unquestionably**, he was the best candidate for the job.

## shin

*n.* the front part of the leg below the knee

*synonym*: tibia, lower leg, front leg

(1) **shin** guard, (2) **shin** injury

The pain in his **shin** made it hard for him to walk.

## supple

*adj.* flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas

*synonym*: flexible, pliable, bendable

(1) **supple** muscles, (2) **supple** leather

The ballerina's **supple** movements left the audience mesmerized.

## ingest

*v.* to take food or drink into the body, often through the mouth; to absorb or assimilate something, often used to describe the intake of information or knowledge

*synonym*: swallow, consume, devour

(1) **ingest** food, (2) **ingest** medication

People who compulsively **ingest** non-food items, such as dirt or chalk, suffer from a condition called pica.

## 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.

## proprietor

*n.* a person who owns and runs a business, especially a hotel, a shop, or a company

*synonym*: owner, keeper, possessor

(1) **proprietor** of a business, (2) copyright **proprietor**

The **proprietor** of the small bakery was always friendly and welcoming.

## timescale

*n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process

*synonym*: time frame, schedule, duration

(1) long- **timescale**, (2) realistic **timescale**

The **timescale** for completing the construction project is three years.

## climactic

*adj.* relating to the highest point of a story or event, typically the most intense or exciting moment; bringing something to a high point or conclusion

*synonym*: pivotal, critical, decisive

(1) **climactic** chapter, (2) **climactic** moment

The **climactic** battle scene was the most intense moment of the movie.

## hurdle

*n.* a barrier or obstacle that must be overcome

*synonym*: obstacle, barrier, challenge

(1) overcome **hurdles**, (2) **hurdle** race

The company faced several **hurdles** in the development of its new product.

## opportune

*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

*synonym*: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark  
The phone rang at the most **opportune** time.

## quantifiable

*adj.* able to be measured, expressed, or quantified in numerical or statistical terms

*synonym* : measurable, calculable

(1) non- **quantifiable** risk, (2) **quantifiable** results

The impact of the new policy will be **quantifiable** through measurable data.

## improvisation

*n.* the act of making something up on the spot or creating or performing something without preparation

*synonym* : spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

## countdown

*n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline

*synonym* : timer

(1) **countdown** clock, (2) wedding **countdown**

The **countdown** to launch began as the astronauts prepared for their mission.

## incentivize

*v.* to make someone want to do in a particular way by offering them a reward

*synonym* : encourage, motivate

(1) **incentivize** carpooling, (2) **incentivize** the right behavior

Governments **incentivize** their citizens to buy eco-friendly products through subsidies.

## dataset

*n.* a structured collection of data that is compiled and processed in a computer system or program, typically for analysis, research, or machine learning purposes

*synonym* : data array, database

(1) **dataset** analysis, (2) publicly available **dataset**  
The scientist analyzed the large **dataset** to conclude the experiment.

## 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**.

## wield

*v.* to possess and exercise power, authority, etc  
*synonym*: exert, manage, handle

(1) **wield** her authority, (2) **wield** a bad influence

They **wielded** enormous power and influence.

## harrowing

*adj.* causing distress or suffering; extremely distressing  
*synonym*: traumatic, torturous, distressing

(1) **harrowing** battle, (2) **harrowing** journey

Her **harrowing** experience in the war had left her with deep emotional scars.

## illuminate

*v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity

*synonym*: brighten, light, adorn

(1) **illuminate** a dark hall, (2) **illuminate** my understanding

That biologist **illuminated** the mechanism of heredity.

## Session 2: Spelling

- |                           |  |
|---------------------------|--|
| 1. in___t medication      | v. to take food or drink into the body, often through the mouth; to absorb or assimilate something, often used to describe the intake of information or knowledge  |
| 2. overcome hu___es       | n. a barrier or obstacle that must be overcome   |
| 3. unq_____bly safe       | adv. without a doubt; certainly  |
| 4. ha_____ng journey      | adj. causing distress or suffering; extremely distressing  |
| 5. ill_____te a dark hall | v. to light something or to make something lighter or brighter; to make something free from confusion or ambiguity   |
| 6. sup_____er leader      | n. a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities |
| 7. ind_____us student     | adj. hardworking, diligent, and persistent in effort   |
| 8. co_____wn clock        | n. a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline   |

ANSWERS: 1. ingest, 2. hurdle, 3. unquestionably, 4. harrowing, 5. illuminate, 6. superpower, 7. industrious, 8. countdown

9. soc\_\_\_\_\_cal issues *adj.* relating to both social and political aspects of society; having to do with how politics and social issues are interconnected or influence each other
10. imp\_\_\_\_\_ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation
11. op\_\_\_\_\_ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
12. unq\_\_\_\_\_bly bad *adv.* without a doubt; certainly
13. s\_\_n guard *n.* the front part of the leg below the knee
14. an op\_\_\_\_\_ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
15. jazz imp\_\_\_\_\_ion *n.* the act of making something up on the spot or creating or performing something without preparation
16. su\_\_\_e leather *adj.* flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas
17. op\_\_\_\_\_st by nature *n.* a person who tends to expect the best in all things and to be hopeful and confident about the future
18. in\_\_\_t food *v.* to take food or drink into the body, often through the mouth; to absorb or assimilate something, often used to describe the intake of information or knowledge

ANSWERS: 9. sociopolitical, 10. improvisation, 11. opportune, 12. unquestionably, 13. shin, 14. opportune, 15. improvisation, 16. supple, 17. optimist, 18. ingest

19. cl\_\_\_\_\_ic moment *adj.* relating to the highest point of a story or event, typically the most intense or exciting moment; bringing something to a high point or conclusion
20. copyright pro\_\_\_\_\_or *n.* a person who owns and runs a business, especially a hotel, a shop, or a company
21. hu\_\_\_\_e race *n.* a barrier or obstacle that must be overcome
22. ha\_\_\_\_\_ng battle *adj.* causing distress or suffering; extremely distressing
23. cl\_\_\_\_\_ic chapter *adj.* relating to the highest point of a story or event, typically the most intense or exciting moment; bringing something to a high point or conclusion
24. qua\_\_\_\_\_ble results *adj.* able to be measured, expressed, or quantified in numerical or statistical terms
25. el\_\_\_\_\_fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
26. the fo\_\_\_\_\_nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
27. long-ti\_\_\_\_\_le *n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process

ANSWERS: 19. climactic, 20. proprietor, 21. hurdle, 22. harrowing, 23. climactic, 24. quantifiable, 25. electrify, 26. footprint, 27. timescale



28. excessive op\_\_\_\_\_st *n.* a person who tends to expect the best in all things and to be hopeful and confident about the future
29. wi\_\_d her authority *v.* to possess and exercise power, authority, etc
30. inc\_\_\_\_\_ze the right behavior *v.* to make someone want to do in a particular way by offering them a reward
31. non-qua\_\_\_\_\_ble risk *adj.* able to be measured, expressed, or quantified in numerical or statistical terms
32. wedding co\_\_\_\_\_wn *n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline
33. wi\_\_d a bad influence *v.* to possess and exercise power, authority, etc
34. realistic ti\_\_\_\_\_le *n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process
35. ill\_\_\_\_\_te my understanding *v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
36. sup\_\_\_\_\_er country *n.* a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities

ANSWERS: 28. optimist, 29. wield, 30. incentivize, 31. quantifiable, 32. countdown, 33. wield, 34. timescale, 35. illuminate, 36. superpower

37. da\_\_\_\_t analysis *n.* a structured collection of data that is compiled and processed in a computer system or program, typically for analysis, research, or machine learning purposes
38. publicly available da\_\_\_\_t *n.* a structured collection of data that is compiled and processed in a computer system or program, typically for analysis, research, or machine learning purposes
39. soc\_\_\_\_\_cal unrest *adj.* relating to both social and political aspects of society; having to do with how politics and social issues are interconnected or influence each other
40. su\_\_\_e muscles *adj.* flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas
41. pro\_\_\_\_\_or of a business *n.* a person who owns and runs a business, especially a hotel, a shop, or a company
42. s\_\_n injury *n.* the front part of the leg below the knee
43. ind\_\_\_\_\_us worker *adj.* hardworking, diligent, and persistent in effort
44. el\_\_\_\_\_fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
45. fo\_\_\_\_\_nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface

ANSWERS: 37. dataset, 38. dataset, 39. sociopolitical, 40. supple, 41. proprietor, 42. shin, 43. industrious, 44. electrify, 45. footprint

46. inc\_\_\_\_\_ze carpooling

v. to make someone want to do in a particular way by offering them a reward

ANSWERS: 46. incentivize

## Session 3: Fill in the Blanks

1. \_\_\_\_\_ he was the best candidate for the job.  
*adv.* without a doubt; certainly
2. He created a beautiful piece of music using only \_\_\_\_\_.  
*n.* the act of making something up on the spot or creating or performing something without preparation
3. The \_\_\_\_\_ battle scene was the most intense moment of the movie.  
*adj.* relating to the highest point of a story or event, typically the most intense or exciting moment; bringing something to a high point or conclusion
4. The \_\_\_\_\_ for completing the construction project is three years.  
*n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process
5. The pain in his \_\_\_\_\_ made it hard for him to walk.  
*n.* the front part of the leg below the knee
6. She is a confident \_\_\_\_\_ who always looks on the bright side.  
*n.* a person who tends to expect the best in all things and to be hopeful and confident about the future
7. The impact of the new policy will be \_\_\_\_\_ through measurable data.  
*adj.* able to be measured, expressed, or quantified in numerical or statistical terms
8. The product developed through years of research continues to \_\_\_\_\_ the market.  
*v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 1. Unquestionably, 2. improvisation, 3. climactic, 4. timescale, 5. shin, 6. optimist, 7. quantifiable, 8. electrify

9. The ability to fly like a bird is often considered a \_\_\_\_\_ in comic books and movies.
- n.* a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities
10. The \_\_\_\_\_ climate of the country has led to a rise in protests and demonstrations.
- adj.* relating to both social and political aspects of society; having to do with how politics and social issues are interconnected or influence each other
11. The \_\_\_\_\_ to launch began as the astronauts prepared for their mission.
- n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline
12. The company faced several \_\_\_\_\_ in the development of its new product.
- n.* a barrier or obstacle that must be overcome
13. Her \_\_\_\_\_ experience in the war had left her with deep emotional scars.
- adj.* causing distress or suffering; extremely distressing
14. The ballerina's \_\_\_\_\_ movements left the audience mesmerized.
- adj.* flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas
15. They \_\_\_\_\_ enormous power and influence.
- v.* to possess and exercise power, authority, etc
16. The \_\_\_\_\_ of the small bakery was always friendly and welcoming.
- n.* a person who owns and runs a business, especially a hotel, a shop, or a company

ANSWERS: 9. superpower, 10. sociopolitical, 11. countdown, 12. hurdles, 13. harrowing, 14. supple, 15. wielded, 16. proprietor

17. The scientist analyzed the large \_\_\_\_\_ to conclude the experiment.  
*n.* a structured collection of data that is compiled and processed in a computer system or program, typically for analysis, research, or machine learning purposes
18. We choose transportation that has a smaller carbon \_\_\_\_\_.  
*n.* a mark of a foot, shoe, or animal's foot left on a surface
19. He was known to be very \_\_\_\_\_ and would often work late into the night.  
*adj.* hardworking, diligent, and persistent in effort
20. Governments \_\_\_\_\_ their citizens to buy eco-friendly products through subsidies.  
*v.* to make someone want to do in a particular way by offering them a reward
21. The phone rang at the most \_\_\_\_\_ time.  
*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
22. People who compulsively \_\_\_\_\_ non-food items, such as dirt or chalk, suffer from a condition called pica.  
*v.* to take food or drink into the body, often through the mouth; to absorb or assimilate something, often used to describe the intake of information or knowledge
23. That biologist \_\_\_\_\_ the mechanism of heredity.  
*v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity

ANSWERS: 17. dataset, 18. footprint, 19. industrious, 20. incentivize, 21. opportune, 22. ingest, 23. illuminated