

# Englist.me



## Vocabulary Builder Reference from...

Henry Richardson : What does the world's largest machine do? | TED Talk

[https://www.ted.com/talks/henry\\_richardson\\_what\\_does\\_the\\_world\\_s\\_largest\\_machine\\_do](https://www.ted.com/talks/henry_richardson_what_does_the_world_s_largest_machine_do)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### interconnect

v. to connect similar things

*synonym* : interlink, connect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

### 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.

### powerline

n. a system of cables, pylons, and other equipment used to distribute electrical power from a source, such as a power station, to homes, businesses, and other facilities

*synonym* : power cable, transmission line, electric cable

(1) **powerline** construction, (2) **powerline** maintenance

A storm knocked down a **powerline** tower, causing a blackout in the neighborhood.

## substation

*n.* a facility where high-voltage electric power is transformed to a lower voltage, allowing the energy to be distributed through power lines to homes and businesses

*synonym* : power plant, electrical grid

(1) distribution **substation**, (2) power **substation**

A malfunction at the **substation** caused the power outage.

## unison

*n.* occurring or corresponding together, simultaneously, or exactly; (music) two or more sounds or tones at the same pitch or in octaves

*synonym* : harmony, accord, unanimity

(1) singing in **unison**, (2) clap the hands in **unison**

They saluted in **unison** to the captain.

## overheat

*v.* to become too hot, or to cause something to become too hot

*synonym* : become too hot, heat up too much

(1) **overheat** while charging, (2) starts to **overheat**

The car engine **overheated** and had to be repaired.

## blackout

*n.* a loss of electric power for a general region; a suspension of radio or TV broadcasting; a momentary loss of consciousness

*synonym* : outage, failure, knockout

(1) media **blackout**, (2) memory **blackout**

The nationwide **blackout** caused widespread power outages and disrupted daily life.

## intermittent

*adj.* occurring at irregular intervals; not continuous or steady; stopping and starting periodically; sporadic

*synonym* : sporadic, irregular, periodic

(1) **intermittent** fever, (2) **intermittent** Wi-Fi

The **intermittent** rain made it difficult to plan a picnic.

## 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.

## Session 2: Spelling

1. ov\_\_\_\_\_at while charging  
*v.* to become too hot, or to cause something to become too hot
2. int\_\_\_\_\_ent Wi-Fi  
*adj.* occurring at irregular intervals; not continuous or steady; stopping and starting periodically; sporadic
3. human activities int\_\_\_\_\_ect with the environment  
*v.* to connect similar things
4. media bl\_\_\_\_\_ut  
*n.* a loss of electric power for a general region; a suspension of radio or TV broadcasting; a momentary loss of consciousness
5. power sub\_\_\_\_\_on  
*n.* a facility where high-voltage electric power is transformed to a lower voltage, allowing the energy to be distributed through power lines to homes and businesses
6. op\_\_\_\_\_ne occasion  
*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
7. distribution sub\_\_\_\_\_on  
*n.* a facility where high-voltage electric power is transformed to a lower voltage, allowing the energy to be distributed through power lines to homes and businesses
8. an op\_\_\_\_\_ne remark  
*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 1. overheat, 2. intermittent, 3. interconnect, 4. blackout, 5. substation, 6. opportune, 7. substation, 8. opportune

9. po\_\_\_\_\_ne maintenance *n.* a system of cables, pylons, and other equipment used to distribute electrical power from a source, such as a power station, to homes, businesses, and other facilities
10. int\_\_\_\_\_ent fever *adj.* occurring at irregular intervals; not continuous or steady; stopping and starting periodically; sporadic
11. clap the hands in un\_\_\_\_n *n.* occurring or corresponding together, simultaneously, or exactly; (music) two or more sounds or tones at the same pitch or in octaves
12. directly int\_\_\_\_\_ect with those systems *v.* to connect similar things
13. 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
14. 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
15. memory bl\_\_\_\_\_ut *n.* a loss of electric power for a general region; a suspension of radio or TV broadcasting; a momentary loss of consciousness
16. po\_\_\_\_\_ne construction *n.* a system of cables, pylons, and other equipment used to distribute electrical power from a source, such as a power station, to homes, businesses, and other facilities

ANSWERS: 9. powerline, 10. intermittent, 11. unison, 12. interconnect, 13. electrify, 14. electrify, 15. blackout, 16. powerline

17. starts to ov\_\_\_\_at

*v.* to become too hot, or to cause something to become too hot

18. singing in un\_\_\_\_n

*n.* occurring or corresponding together, simultaneously, or exactly; (music) two or more sounds or tones at the same pitch or in octaves

ANSWERS: 17. overheat, 18. unison

## Session 3: Fill in the Blanks

1. Our system can now \_\_\_\_\_ with other databases.  
*v.* to connect similar things
  
2. They saluted in \_\_\_\_\_ to the captain.  
*n.* occurring or corresponding together, simultaneously, or exactly; (music) two or more sounds or tones at the same pitch or in octaves
  
3. The car engine \_\_\_\_\_ and had to be repaired.  
*v.* to become too hot, or to cause something to become too hot
  
4. The nationwide \_\_\_\_\_ caused widespread power outages and disrupted daily life.  
*n.* a loss of electric power for a general region; a suspension of radio or TV broadcasting; a momentary loss of consciousness
  
5. 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
  
6. The phone rang at the most \_\_\_\_\_ time.  
*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
  
7. A malfunction at the \_\_\_\_\_ caused the power outage.  
*n.* a facility where high-voltage electric power is transformed to a lower voltage, allowing the energy to be distributed through power lines to homes and businesses

ANSWERS: 1. interconnect, 2. unison, 3. overheated, 4. blackout, 5. electrify, 6. opportune, 7. substation

8. A storm knocked down a \_\_\_\_\_ tower, causing a blackout in the neighborhood.
- n.* a system of cables, pylons, and other equipment used to distribute electrical power from a source, such as a power station, to homes, businesses, and other facilities
9. The \_\_\_\_\_ rain made it difficult to plan a picnic.
- adj.* occurring at irregular intervals; not continuous or steady; stopping and starting periodically; sporadic

ANSWERS: 8. powerline, 9. intermittent