

# Englist.me



## Vocabulary Builder Reference from...

*Ralph Langner: Cracking Stuxnet, a 21st-century cyber weapon | TED Talk*

[https://www.ted.com/talks/ralph\\_langner\\_cracking\\_stuxnet\\_a\\_21st\\_century\\_cyber\\_weapon](https://www.ted.com/talks/ralph_langner_cracking_stuxnet_a_21st_century_cyber_weapon)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### enrich

v. to make better or improve in quality by adding something else

*synonym*: enhance, improve, augment

(1) **enrich** a gas with a balloon, (2) **enrich** public services

Reading not only increases knowledge but also **enriches** life.

### centrifuge

n. a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids

*synonym*: separator, extractor, spinner

(1) **centrifuge** tube, (2) ultra-high-speed **centrifuges**

The laboratory technician placed the blood samples in the **centrifuge** to separate the different components.

### infect

v. to affect a person, an animal, or a plant with a disease-causing organism

*synonym*: pollute, contaminate, affect

(1) **infect** other animal species, (2) **infect** a computer with a virus

Children often **infect** parents with this head cold.

## sniff

v. to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath

*synonym*: smell, inhale, scent

(1) **sniff** the air, (2) **sniff** the perfume

The dog stopped to **sniff** around the tree, looking for something interesting.

## prowl

v. to move about stealthily, especially in search of prey or as part of a criminal act; to wander or roam around aimlessly or restlessly

*synonym*: creep, sneak, lurch

(1) **prowl** the streets, (2) **prowl** for food

The predator began to **prowl** around the forest's edge, searching for prey.

## disprove

v. to show that something is not true or correct

*synonym*: refute, discredit, invalidate

(1) **disprove** global warming, (2) **disprove** the conjecture

The researchers were unable to **disprove** the theory.

## sabotage

n. the deliberate and malicious damage, destruction, or disruption of equipment, machinery, or other property, often by someone with a particular agenda or motive; the subversion of an organization or institution by secret agents or spies

*synonym*: sabotage, subversion, destruction

(1) act of **sabotage**, (2) **sabotage** mission

The **sabotage** of the factory's equipment caused significant damage.

## warhead

n. the explosive or destructive part of a missile, rocket, or other weapons that are designed to explode on impact or detonation

*synonym*: payload, explosive

(1) **warhead** missile, (2) nuclear **warhead**

The missile launch was successful, and the **warhead** hit its

intended target.

## rot

*v.* to decay, or cause something to decay, naturally and gradually

*synonym*: perish, decay, corrode

(1) begin to **rot**, (2) **rot** with age

Please refrigerate the meat, or it will **rot**.

## explode

*v.* to burst or break open violently and noisily; to cause something to burst or break open

*synonym*: detonate, blast, rupture

(1) **explode** in anger, (2) **explode** in popularity

The old building **exploded** in a fiery inferno.

## creepy

*adj.* causing an uneasy feeling of fear or unease

*synonym*: eerie, unsettling, spooky

(1) feel **creepy**, (2) **creepy** atmosphere

The old, abandoned house was **creepy** and gave me the chills.

## overlook

*v.* to fail to notice something; to watch over someone; to provide a view from above

*synonym*: disregard, look down, supervise

(1) **overlook** a street, (2) **overlook** that fact

We cannot **overlook** an opportunity for great success.

## cascade

*n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units

*synonym*: waterfall, watercourse, step

(1) **cascade** connection, (2) transistor **cascade**

The **cascade** of waterfalls in the national park was a breathtaking sight.

## determinant

*n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

*synonym*: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

## intercept

*v.* to stop and catch someone or something to prevent them from continuing to a destination

*synonym*: ambush, block, prevent

(1) **intercept** an enemy force, (2) **intercept** X rays

It is illegal to **intercept** police radio.

## heist

*n.* a crime in which expensive items are illegally and frequently violently removed from a location or person

*synonym*: robbery, theft, rip-off

(1) **heist** man, (2) jewel **heist**

Several airport security staff were involved in the **heist**.

## circumvent

*v.* to go around, avoid, or bypass something, often to achieve an intended goal or objective; to outmaneuver or outsmart a person or obstacle

*synonym*: evade, bypass, outsmart

(1) **circumvent** rules, (2) **circumvent** authority

I took a back road to work on time to **circumvent** the traffic jam.

## cyber

*adj.* relating to or involving computers, computer networks, or virtual reality

*synonym*: digital, computer, Internet

(1) **cyber** bullying, (2) **cyber** crime

**Cyber** espionage between countries can have serious consequences.

## 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.

## Session 2: Spelling

- |                                |      |   |
|--------------------------------|------|---|
| 1. in_____pt X rays            | v.   | to stop and catch someone or something to prevent them from continuing to a destination   |
| 2. in___t other animal species | v.   | to affect a person, an animal, or a plant with a disease-causing organism   |
| 3. ex_____e in anger           | v.   | to burst or break open violently and noisily; to cause something to burst or break open   |
| 4. ov_____ok that fact         | v.   | to fail to notice something; to watch over someone; to provide a view from above  |
| 5. 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 |
| 6. en___h a gas with a balloon | v.   | to make better or improve in quality by adding something else   |
| 7. begin to r_t                | v.   | to decay, or cause something to decay, naturally and gradually  |
| 8. environmental det_____nt    | n.   | a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result   |
| 9. cr___y atmosphere           | adj. | causing an uneasy feeling of fear or unease   |

ANSWERS: 1. intercept, 2. infect, 3. explode, 4. overlook, 5. superpower, 6. enrich, 7. rot, 8. determinant, 9. creepy

10. cir\_\_\_\_\_nt rules *v.* to go around, avoid, or bypass something, often to achieve an intended goal or objective; to outmaneuver or outsmart a person or obstacle
11. sa\_\_\_\_\_ge mission *n.* the deliberate and malicious damage, destruction, or disruption of equipment, machinery, or other property, often by someone with a particular agenda or motive; the subversion of an organization or institution by secret agents or spies
12. en\_\_\_\_h public services *v.* to make better or improve in quality by adding something else
13. di\_\_\_\_\_ve the conjecture *v.* to show that something is not true or correct
14. cen\_\_\_\_\_ge tube *n.* a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids
15. sn\_\_f the perfume *v.* to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
16. he\_\_t man *n.* a crime in which expensive items are illegally and frequently violently removed from a location or person
17. r\_t with age *v.* to decay, or cause something to decay, naturally and gradually

ANSWERS: 10. circumvent, 11. sabotage, 12. enrich, 13. disprove, 14. centrifuge, 15. sniff, 16. heist, 17. rot

18. cy\_\_r crime *adj.* relating to or involving computers, computer networks, or virtual reality
19. jewel he\_\_t *n.* a crime in which expensive items are illegally and frequently violently removed from a location or person
20. pr\_\_l for food *v.* to move about stealthily, especially in search of prey or as part of a criminal act; to wander or roam around aimlessly or restlessly
21. cy\_\_r bullying *adj.* relating to or involving computers, computer networks, or virtual reality
22. wa\_\_\_\_d missile *n.* the explosive or destructive part of a missile, rocket, or other weapons that are designed to explode on impact or detonation
23. in\_\_\_t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism
24. act of sa\_\_\_\_ge *n.* the deliberate and malicious damage, destruction, or disruption of equipment, machinery, or other property, often by someone with a particular agenda or motive; the subversion of an organization or institution by secret agents or spies
25. ca\_\_\_\_e connection *n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
26. di\_\_\_\_ve global warming *v.* to show that something is not true or correct

ANSWERS: 18. cyber, 19. heist, 20. prowl, 21. cyber, 22. warhead, 23. infect, 24. sabotage, 25. cascade, 26. disprove



27. pr\_\_l the streets                    *v.* to move about stealthily, especially in search of prey or as part of a criminal act; to wander or roam around aimlessly or restlessly
28. in\_\_\_\_\_pt an enemy force                    *v.* to stop and catch someone or something to prevent them from continuing to a destination
29. ov\_\_\_\_\_ok a street                    *v.* to fail to notice something; to watch over someone; to provide a view from above
30. feel cr\_\_\_y                    *adj.* causing an uneasy feeling of fear or unease
31. cir\_\_\_\_\_nt authority                    *v.* to go around, avoid, or bypass something, often to achieve an intended goal or objective; to outmaneuver or outsmart a person or obstacle
32. ultra-high-speed cen\_\_\_\_\_ges                    *n.* a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids
33. ex\_\_\_\_\_e in popularity                    *v.* to burst or break open violently and noisily; to cause something to burst or break open
34. transistor ca\_\_\_\_\_e                    *n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
35. a det\_\_\_\_\_nt of crop yields                    *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

ANSWERS: 27. prowl, 28. intercept, 29. overlook, 30. creepy, 31. circumvent, 32. centrifuge, 33. explode, 34. cascade, 35. determinant

36. sn\_\_f the air
- v.* to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
37. nuclear wa\_\_\_\_d
- n.* the explosive or destructive part of a missile, rocket, or other weapons that are designed to explode on impact or detonation
38. 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: 36. sniff, 37. warhead, 38. superpower

## Session 3: Fill in the Blanks

1. The dog stopped to \_\_\_\_\_ around the tree, looking for something interesting.
  - v. to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
  
2. The missile launch was successful, and the \_\_\_\_\_ hit its intended target.
  - n. the explosive or destructive part of a missile, rocket, or other weapons that are designed to explode on impact or detonation
  
3. The researchers were unable to \_\_\_\_\_ the theory.
  - v. to show that something is not true or correct
  
4. The old building \_\_\_\_\_ in a fiery inferno.
  - v. to burst or break open violently and noisily; to cause something to burst or break open
  
5. The predator began to \_\_\_\_\_ around the forest's edge, searching for prey.
  - v. to move about stealthily, especially in search of prey or as part of a criminal act; to wander or roam around aimlessly or restlessly
  
6. The \_\_\_\_\_ of waterfalls in the national park was a breathtaking sight.
  - n. a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
  
7. One \_\_\_\_\_ of success is having a positive attitude and a strong work ethic.
  - n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

ANSWERS: 1. sniff, 2. warhead, 3. disprove, 4. exploded, 5. prowl, 6. cascade, 7. determinant

8. Several airport security staff were involved in the \_\_\_\_\_.
- n.* a crime in which expensive items are illegally and frequently violently removed from a location or person
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 laboratory technician placed the blood samples in the \_\_\_\_\_ to separate the different components.
- n.* a machine that uses centrifugal force (= a type of inertial force that appears to act on an object moving in a circular path and is directed away from the center) to separate substances of different densities, especially to separate liquids from solids
11. Please refrigerate the meat, or it will \_\_\_\_.
- v.* to decay, or cause something to decay, naturally and gradually
12. We cannot \_\_\_\_\_ an opportunity for great success.
- v.* to fail to notice something; to watch over someone; to provide a view from above
13. The old, abandoned house was \_\_\_\_\_ and gave me the chills.
- adj.* causing an uneasy feeling of fear or unease
14. \_\_\_\_\_ espionage between countries can have serious consequences.
- adj.* relating to or involving computers, computer networks, or virtual reality

ANSWERS: 8. heist, 9. superpower, 10. centrifuge, 11. rot, 12. overlook, 13. creepy, 14. Cyber

15. It is illegal to \_\_\_\_\_ police radio.

- v. to stop and catch someone or something to prevent them from continuing to a destination

16. Children often \_\_\_\_\_ parents with this head cold.

- v. to affect a person, an animal, or a plant with a disease-causing organism

17. The \_\_\_\_\_ of the factory's equipment caused significant damage.

- n. the deliberate and malicious damage, destruction, or disruption of equipment, machinery, or other property, often by someone with a particular agenda or motive; the subversion of an organization or institution by secret agents or spies

18. I took a back road to work on time to \_\_\_\_\_ the traffic jam.

- v. to go around, avoid, or bypass something, often to achieve an intended goal or objective; to outmaneuver or outsmart a person or obstacle

19. Reading not only increases knowledge but also \_\_\_\_\_ life.

- v. to make better or improve in quality by adding something else

ANSWERS: 15. intercept, 16. infect, 17. sabotage, 18. circumvent, 19. enriches