

# Englist.me



## Vocabulary Builder Reference from...

*Dennis Wildfogel: What is the universe made of? |*

*TED Talk*

[https://www.ted.com/talks/dennis\\_wildfogel\\_what\\_is\\_t](https://www.ted.com/talks/dennis_wildfogel_what_is_the_universe_made_of)

[he\\_universe\\_made\\_of](https://www.ted.com/talks/dennis_wildfogel_what_is_the_universe_made_of)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### microscopic

*adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy

*synonym* : infinitesimal, tiny, atomic

(1) **microscopic** inquiry, (2) **microscopic** analysis

Inspectors noticed **microscopic** cracks in the submarine's hull.

### helium

*n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table

*synonym* : He, light gas, noble gas

(1) **helium** atom, (2) **helium** gas

The **helium-filled** balloons floated into the sky.

### smashing

*adj.* very successful or impressive; causing something to be broken or destroyed

*synonym* : great, wonderful, breaking

(1) a **smashing** blow, (2) give **smashing** results

The band's new album was a **smashing** success, reaching the top of the charts.

### counteract

*v.* to act against something to reduce its bad or harmful effects or neutralize it

*synonym* : balance, offset, compensate

(1) **counteract** the effect of poison, (2) **counteract** global warming

Our body's immune system produces antibodies to **counteract** disease.

## inward

*adj.* directed or facing towards the inside; inside or inward-looking

*synonym* : internal, introspective, interior

(1) **inward** peace, (2) **inward** cargo

The **inward** motion of the tide was gradually slowing down.

## supernova

*n.* a powerful and luminous explosion that occurs in some stars, resulting in an extremely bright, short-lived object that later fades into a supernova remnant

*synonym* : explosion, detonation, blast

(1) extragalactic **supernova**, (2) **supernova** remnant

The **supernova** explosion created a bright new star in the night sky.

## eject

*v.* to force someone to put out or leave a particular place or position

*synonym* : discharge, expel, emit

(1) **eject** a player from a game, (2) **eject** huge amounts of pollutant

Our immune system can **eject** disease germs from the body.

## interstellar

*adj.* relating to or located in the space between stars

*synonym* : galactic, cosmic, intergalactic

(1) **interstellar** communication, (2) **interstellar** space

The **interstellar** medium comprises gas, dust, and cosmic rays that fill the space between stars.

## 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.

### **astronomer**

*n.* a physicist who studies astronomy

*synonym*: stargazer, cosmologist, astrophysicist

(1) amateur **astronomer**, (2) solar **astronomer**

This question has fascinated solar **astronomers** for decades.

### **boulder**

*n.* a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion

*synonym*: rock, stone, clump

(1) **boulder** field, (2) lava **boulder**

The hikers had to climb over a **boulder** that was blocking their path.

## Session 2: Spelling

- |                                    |   |
|------------------------------------|---|
| 1. cou_____ct the effect of poison | <i>v.</i> to act against something to reduce its bad or harmful effects or neutralize it  |
| 2. bo_____r field                  | <i>n.</i> a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion   |
| 3. a sm_____ng blow                | <i>adj.</i> very successful or impressive; causing something to be broken or destroyed  |
| 4. int_____lar communication       | <i>adj.</i> relating to or located in the space between stars   |
| 5. he___m atom                     | <i>n.</i> a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table                                  |
| 6. ej__t a player from a game      | <i>v.</i> to force someone to put out or leave a particular place or position   |
| 7. ej__t huge amounts of pollutant | <i>v.</i> to force someone to put out or leave a particular place or position   |
| 8. solar ast_____er                | <i>n.</i> a physicist who studies astronomy   |
| 9. int_____lar space               | <i>adj.</i> relating to or located in the space between stars   |
| 10. extragalactic su_____va        | <i>n.</i> a powerful and luminous explosion that occurs in some stars, resulting in an extremely bright, short-lived object that later fades into a supernova remnant |
| 11. amateur ast_____er             | <i>n.</i> a physicist who studies astronomy   |

ANSWERS: 1. counteract, 2. boulder, 3. smashing, 4. interstellar, 5. helium, 6. eject, 7. eject, 8. astronomer, 9. interstellar, 10. supernova, 11. astronomer

12. en\_\_\_h public services      *v.* to make better or improve in quality by adding something else
13. in\_\_\_d cargo      *adj.* directed or facing towards the inside; inside or inward-looking
14. mic\_\_\_\_\_ic inquiry      *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
15. give sm\_\_\_\_\_ng results      *adj.* very successful or impressive; causing something to be broken or destroyed
16. he\_\_\_m gas      *n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
17. in\_\_\_d peace      *adj.* directed or facing towards the inside; inside or inward-looking
18. cou\_\_\_\_\_ct global warming      *v.* to act against something to reduce its bad or harmful effects or neutralize it
19. lava bo\_\_\_\_\_r      *n.* a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion
20. su\_\_\_\_\_va remnant      *n.* a powerful and luminous explosion that occurs in some stars, resulting in an extremely bright, short-lived object that later fades into a supernova remnant
21. mic\_\_\_\_\_ic analysis      *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
22. en\_\_\_h a gas with a balloon      *v.* to make better or improve in quality by adding something else

ANSWERS: 12. enrich, 13. inward, 14. microscopic, 15. smashing, 16. helium, 17. inward, 18. counteract, 19. boulder, 20. supernova, 21. microscopic, 22. enrich

## Session 3: Fill in the Blanks

1. Our immune system can \_\_\_\_\_ disease germs from the body.  
*v.* to force someone to put out or leave a particular place or position
2. The hikers had to climb over a \_\_\_\_\_ that was blocking their path.  
*n.* a large, smooth rock, typically one that has been worn away from a cliff or mountain by erosion
3. The band's new album was a \_\_\_\_\_ success, reaching the top of the charts.  
*adj.* very successful or impressive; causing something to be broken or destroyed
4. The \_\_\_\_\_ medium comprises gas, dust, and cosmic rays that fill the space between stars.  
*adj.* relating to or located in the space between stars
5. Reading not only increases knowledge but also \_\_\_\_\_ life.  
*v.* to make better or improve in quality by adding something else
6. The \_\_\_\_\_ motion of the tide was gradually slowing down.  
*adj.* directed or facing towards the inside; inside or inward-looking
7. This question has fascinated solar \_\_\_\_\_ for decades.  
*n.* a physicist who studies astronomy
8. The \_\_\_\_\_ balloons floated into the sky.  
*n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table

ANSWERS: 1. eject, 2. boulder, 3. smashing, 4. interstellar, 5. enriches, 6. inward, 7. astronomers, 8. helium-filled

9. Our body's immune system produces antibodies to \_\_\_\_\_ disease.

*v.* to act against something to reduce its bad or harmful effects or neutralize it

10. The \_\_\_\_\_ explosion created a bright new star in the night sky.

*n.* a powerful and luminous explosion that occurs in some stars, resulting in an extremely bright, short-lived object that later fades into a supernova remnant

11. Inspectors noticed \_\_\_\_\_ cracks in the submarine's hull.

*adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy

ANSWERS: 9. counteract, 10. supernova, 11. microscopic