

# Englist.me



## Vocabulary Builder Reference from...

*Carter Emmart: A 3D atlas of the universe | TED Talk*  
[https://www.ted.com/talks/carter\\_emmart\\_a\\_3d\\_atlas\\_of\\_the\\_universe](https://www.ted.com/talks/carter_emmart_a_3d_atlas_of_the_universe)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### unbounded

*adj.* having no limits or restrictions; limitless; boundless

*synonym*: limitless, infinite, boundless

(1) **unbounded** optimism, (2) **unbounded** compassion

The artist's creativity was **unbounded**, constantly pushing boundaries with his work.

### planetarium

*n.* a building or facility that is designed to display the positions and movements of stars, planets, and other celestial bodies on a dome-shaped surface using a projection system

(1) optical **planetarium** projector, (2) inflatable **planetarium**

The **planetarium's** digital projection system provides an immersive experience of outer space.

### intern

*v.* to put someone in prison, especially for political or military reasons; (noun) a student or trainee who works, sometimes for free, to get work experience or to fulfill qualification criteria

*synonym*: apprentice, trainee, student

(1) **intern** civilians, (2) medical **intern**

The navy **interned** ships of defeated nations.

### cosmology

*n.* the scientific study of the nature and origin of the universe

*synonym*

: cosmogony

(1) physical **cosmology**, (2) modern **cosmology**

**Cosmology** evolved from people's philosophical questions about the natural world.

## afterglow

*n.* a period of time following an event or experience during which a feeling of pleasure, satisfaction, or contentment persists; a lingering glow or light that remains after an object has disappeared from view

*synonym*: glow, sunset, twilight

(1) concert **afterglow**, (2) romantic **afterglow**

The **afterglow** of the sunset was a beautiful end to a long day.

## meaningless

*adj.* having no meaning, direction, or purpose

*synonym*: pointless, absurd, senseless

(1) a **meaningless** endeavor, (2) do a **meaningless** task

This experiment's results are **meaningless** because the other conditions are not identical.

## posit

*v.* to suggest or accept something as fact or as a basis for argument or consideration

*synonym*: assert, declare, assume

(1) **posit** the existence of life after death, (2) **posit** the premise

We should **posit** several hypotheses to discuss the matter.

## exoplanet

*n.* a planet that orbits a star outside of the solar system

(1) the closest **exoplanet** to Earth, (2) **exoplanet** mission

The **exoplanet** Kepler-186f is located 500 light-years from Earth and is believed to be habitable.

## trajectory

*n.* the curved path followed by an object moving through space

*synonym*: course, curve, orbit

(1) career **trajectory**, (2) a **trajectory** missile

The company has shown an excellent growth **trajectory** over the years.

### ingeniously

*adv.* in a clever, inventive, or resourceful manner; with great skill, creativity, or ingenuity

*synonym* : cleverly, resourcefully

(1) **ingeniously** planned, (2) **ingeniously** crafted

The engineer **ingeniously** solved the complex problem with a simple yet effective solution.

### titanic

*adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)

*synonym* : colossal, massive, immense

(1) **titanic** battle, (2) **titanic** compound

The **titanic** ship sank on its maiden voyage.

### divert

*v.* to change the course or direction of something, often away from a specific path or target; to entertain or amuse someone, often to distract them from a problem or concern; to appropriate something for a different purpose

*synonym* : distract, redirect, sidetrack

(1) **divert** attention, (2) **divert** an assault

Due to the road construction, we had to **divert** our course to get to the restaurant.

### 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.

### haze

*n.* atmospheric moisture, dust, or smoke that makes it less clear; a state of mental confusion caused by lack of clarity

*synonym* : fog, mist, brume

(1) a **haze** of illusion, (2) **haze** of tears

We couldn't see him through the **haze** of smoke.

## **fir**

*n.* a type of tall evergreen tree that is native to the northern hemisphere, with needle-like leaves and cones that stand upright on the branches

*synonym*: pine, spruce, cedar

(1) **fir** branch, (2) **fir** forest

The smell of fresh **fir** trees filled the air at the Christmas tree farm.

## Session 2: Spelling

1. f\_r branch  
*n.* a type of tall evergreen tree that is native to the northern hemisphere, with needle-like leaves and cones that stand upright on the branches
2. in\_\_\_n civilians  
*v.* to put someone in prison, especially for political or military reasons; (noun) a student or trainee who works, sometimes for free, to get work experience or to fulfill qualification criteria
3. ti\_\_\_\_\_c battle  
*adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)
4. physical co\_\_\_\_\_gy  
*n.* the scientific study of the nature and origin of the universe
5. a h\_\_e of illusion  
*n.* atmospheric moisture, dust, or smoke that makes it less clear; a state of mental confusion caused by lack of clarity
6. do a mea\_\_\_\_\_ss task  
*adj.* having no meaning, direction, or purpose
7. a mea\_\_\_\_\_ss endeavor  
*adj.* having no meaning, direction, or purpose
8. di\_\_\_t an assault  
*v.* to change the course or direction of something, often away from a specific path or target; to entertain or amuse someone, often to distract them from a problem or concern; to appropriate something for a different purpose

ANSWERS: 1. fir, 2. intern, 3. titanic, 4. cosmology, 5. haze, 6. meaningless, 7. meaningless, 8. divert

9. un\_\_\_\_\_ed compassion *adj.* having no limits or restrictions; limitless; boundless
10. modern co\_\_\_\_\_gy *n.* the scientific study of the nature and origin of the universe
11. optical pla\_\_\_\_\_um projector *n.* a building or facility that is designed to display the positions and movements of stars, planets, and other celestial bodies on a dome-shaped surface using a projection system
12. concert af\_\_\_\_\_ow *n.* a period of time following an event or experience during which a feeling of pleasure, satisfaction, or contentment persists; a lingering glow or light that remains after an object has disappeared from view
13. f\_r forest *n.* a type of tall evergreen tree that is native to the northern hemisphere, with needle-like leaves and cones that stand upright on the branches
14. career tra\_\_\_\_\_ry *n.* the curved path followed by an object moving through space
15. ti\_\_\_\_\_c compound *adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)
16. po\_\_t the existence of life after death *v.* to suggest or accept something as fact or as a basis for argument or consideration
17. inflatable pla\_\_\_\_\_um *n.* a building or facility that is designed to display the positions and movements of stars, planets, and other celestial bodies on a dome-shaped surface using a projection system

ANSWERS: 9. unbounded, 10. cosmology, 11. planetarium, 12. afterglow, 13. fir, 14. trajectory, 15. titanic, 16. posit, 17. planetarium

18. sub\_\_\_\_\_an countries *adj.* of or relating to or situated in the area south of the Sahara Desert
19. di\_\_\_t attention *v.* to change the course or direction of something, often away from a specific path or target; to entertain or amuse someone, often to distract them from a problem or concern; to appropriate something for a different purpose
20. po\_\_t the premise *v.* to suggest or accept something as fact or as a basis for argument or consideration
21. un\_\_\_\_\_ed optimism *adj.* having no limits or restrictions; limitless; boundless
22. ex\_\_\_\_\_et mission *n.* a planet that orbits a star outside of the solar system
23. h\_\_e of tears *n.* atmospheric moisture, dust, or smoke that makes it less clear; a state of mental confusion caused by lack of clarity
24. a tra\_\_\_\_\_ry missile *n.* the curved path followed by an object moving through space
25. the closest ex\_\_\_\_\_et to Earth *n.* a planet that orbits a star outside of the solar system
26. ing\_\_\_\_\_ly planned *adv.* in a clever, inventive, or resourceful manner; with great skill, creativity, or ingenuity
27. ing\_\_\_\_\_ly crafted *adv.* in a clever, inventive, or resourceful manner; with great skill, creativity, or ingenuity

ANSWERS: 18. sub-Saharan, 19. divert, 20. posit, 21. unbounded, 22. exoplanet, 23. haze, 24. trajectory, 25. exoplanet, 26. ingeniously, 27. ingeniously

28. romantic af\_\_\_\_\_ow

*n.* a period of time following an event or experience during which a feeling of pleasure, satisfaction, or contentment persists; a lingering glow or light that remains after an object has disappeared from view

29. medical in\_\_\_n

*v.* to put someone in prison, especially for political or military reasons; (noun) a student or trainee who works, sometimes for free, to get work experience or to fulfill qualification criteria

30. sub\_\_\_\_\_an Africa

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

ANSWERS: 28. afterglow, 29. intern, 30. sub-Saharan



## Session 3: Fill in the Blanks

1. The navy \_\_\_\_\_ ships of defeated nations.
  - v. to put someone in prison, especially for political or military reasons; (noun) a student or trainee who works, sometimes for free, to get work experience or to fulfill qualification criteria
  
2. Due to the road construction, we had to \_\_\_\_\_ our course to get to the restaurant.
  - v. to change the course or direction of something, often away from a specific path or target; to entertain or amuse someone, often to distract them from a problem or concern; to appropriate something for a different purpose
  
3. The \_\_\_\_\_ of the sunset was a beautiful end to a long day.
  - n. a period of time following an event or experience during which a feeling of pleasure, satisfaction, or contentment persists; a lingering glow or light that remains after an object has disappeared from view
  
4. We should \_\_\_\_\_ several hypotheses to discuss the matter.
  - v. to suggest or accept something as fact or as a basis for argument or consideration
  
5. The artist's creativity was \_\_\_\_\_ constantly pushing boundaries with his work.
  - adj. having no limits or restrictions; limitless; boundless
  
6. The \_\_\_\_\_ ship sank on its maiden voyage.
  - adj. of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)

ANSWERS: 1. interned, 2. divert, 3. afterglow, 4. posit, 5. unbounded, 6. titanic

7. We couldn't see him through the \_\_\_\_\_ of smoke.
- n.* atmospheric moisture, dust, or smoke that makes it less clear; a state of mental confusion caused by lack of clarity
8. The engineer \_\_\_\_\_ solved the complex problem with a simple yet effective solution.
- adv.* in a clever, inventive, or resourceful manner; with great skill, creativity, or ingenuity
9. The \_\_\_\_\_ Kepler-186f is located 500 light-years from Earth and is believed to be habitable.
- n.* a planet that orbits a star outside of the solar system
10. The company has shown an excellent growth \_\_\_\_\_ over the years.
- n.* the curved path followed by an object moving through space
11. 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
12. \_\_\_\_\_ evolved from people's philosophical questions about the natural world.
- n.* the scientific study of the nature and origin of the universe
13. The smell of fresh \_\_\_\_ trees filled the air at the Christmas tree farm.
- n.* a type of tall evergreen tree that is native to the northern hemisphere, with needle-like leaves and cones that stand upright on the branches
14. The \_\_\_\_\_ digital projection system provides an immersive experience of outer space.
- n.* a building or facility that is designed to display the positions and movements of stars, planets, and other celestial bodies on a dome-shaped surface using a projection system

ANSWERS: 7. haze, 8. ingeniously, 9. exoplanet, 10. trajectory, 11. sub-Saharan, 12. Cosmology, 13. fir, 14. planetarium's

15. This experiment's results are \_\_\_\_\_ because the other conditions are not identical.

*adj.* having no meaning, direction, or purpose

ANSWERS: 15. meaningless