

# Englist.me



## Vocabulary Builder Reference from...

*Marjan van Aubel: The beautiful future of solar power*  
| TED Talk

[https://www.ted.com/talks/marjan\\_van\\_aubel\\_the\\_beautiful\\_future\\_of\\_solar\\_power](https://www.ted.com/talks/marjan_van_aubel_the_beautiful_future_of_solar_power)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

- hut** *n.* a small, simple, and often crude shelter or dwelling, typically made of natural materials such as wood or mud  
*synonym* : shack, cabin, cottage  
(1) shepherd's **hut**, (2) fishing **hut**  
The little girl lived in a small **hut** in the woods with her family.
- 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.
- self-sufficient** *adj.* able to provide for one's own needs without assistance from others  
*synonym* : independent, self-reliant, self-sustaining  
(1) **self-sufficient** economy, (2) **self-sufficient** renewable energy  
He was determined to become **self-sufficient** and not rely on anyone else.

## chandelier

*n.* a branched decorative light fixture designed to be mounted on ceilings or walls

(1) twinkling **chandelier**, (2) **chandelier-lit** room

This room had a **chandelier** glittering with crystals

## photosynthesis

*n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

(1) oxygenic **photosynthesis**, (2) process of **photosynthesis**

In **photosynthesis**, plants use carbon dioxide to feed themselves.

## chlorophyll

*n.* any of a group of green pigments found in photosynthetic organisms

(1) **chlorophyll** pigment, (2) bacterial **chlorophyll**

**Chlorophyll** utilizes sunlight to create sugars.

## esthetic

*adj.* relating to beauty or the appreciation of beauty; concerned with the visual or artistic aspects of something

*synonym*: aesthetic, artistic, tasteful

(1) **esthetic** appeal, (2) **esthetic** sense

The museum's new exhibit is a stunning display of both scientific and artistic **esthetic**.

## app

*n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC

*synonym*: application, software

(1) killer **app**, (2) cannot log in to the **app**

The discovery of a critical bug caused the company to delay the **app's** release.

## ledge

*n.* a narrow, flat surface or shelf that juts out from a wall or cliff; a projecting rib or molding along the edge of a

surface

*synonym* : shelf, edge, brink

(1) **ledge** overlooking the ocean, (2) wooden **ledge**

He stood on the narrow **ledge**, looking down at the busy street below.

## 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.

## hydroponic

*adj.* relating to the cultivation of plants in nutrient-rich water instead of soil, often using specialized equipment or systems to optimize growth and production

*synonym* : soilless, aquaponic, aquacultural

(1) **hydroponic** vegetables, (2) **hydroponic** farm

The **hydroponic** garden in my kitchen allows me to grow fresh herbs and vegetables year-round.

## nutrify

*v.* to provide or enrich with nutrients or nourishment; to promote the growth or development of something through proper nourishment

*synonym* : nourish, feed, sustain

(1) **nutrify** soil, (2) **nutrify** your skin

Fruits and vegetables are important to **nutrify** your body with essential vitamins and minerals.

## rooftop

*n.* the upper surface or cover of a building's roof, often used for recreational or other purposes

*synonym* : roof, terrace, deck

(1) **rooftop** live, (2) **rooftop** deck

They held the dinner party on the **rooftop** terrace, enjoying the beautiful view of the city.

## biennial

*adj.* occurring every two years

*synonym* : every other year, two-year, occurring bi-yearly

(1) **biennial** event, (2) **biennial** report

The **biennial** art festival is famous and draws artists and art lovers worldwide.

## botanical

*adj.* relating to the study or science of plants; of, pertaining to, made from, or derived from plants

*synonym* : botanic, plant-based, herbal

(1) **botanical** extract, (2) **botanical** illustrations

The **botanical** gardens were filled with exotic plants from all around the world.

## Session 2: Spelling

- |                                 |   |
|---------------------------------|---|
| 1. cannot log in to the a_p     | <i>n.</i> (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC   |
| 2. bacterial chl_____ll         | <i>n.</i> any of a group of green pigments found in photosynthetic organisms  |
| 3. process of pho_____sis       | <i>n.</i> the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities. |
| 4. bi____al event               | <i>adj.</i> occurring every two years   |
| 5. sel_____ent renewable energy | <i>adj.</i> able to provide for one's own needs without assistance from others  |
| 6. shepherd's h_t               | <i>n.</i> a small, simple, and often crude shelter or dwelling, typically made of natural materials such as wood or mud   |
| 7. hyd_____ic vegetables        | <i>adj.</i> relating to the cultivation of plants in nutrient-rich water instead of soil, often using specialized equipment or systems to optimize growth and production                            |
| 8. chl_____ll pigment           | <i>n.</i> any of a group of green pigments found in photosynthetic organisms  |
| 9. ro____p live                 | <i>n.</i> the upper surface or cover of a building's roof, often used for recreational or other purposes  |

ANSWERS: 1. app, 2. chlorophyll, 3. photosynthesis, 4. biennial, 5. self-sufficient, 6. hut, 7. hydroponic, 8. chlorophyll, 9. rooftop

10. bo\_\_\_\_\_al extract *adj.* relating to the study or science of plants; of, pertaining to, made from, or derived from plants
11. hyd\_\_\_\_\_ic farm *adj.* relating to the cultivation of plants in nutrient-rich water instead of soil, often using specialized equipment or systems to optimize growth and production
12. bo\_\_\_\_\_al illustrations *adj.* relating to the study or science of plants; of, pertaining to, made from, or derived from plants
13. killer a\_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
14. cha\_\_\_\_\_er-lit room *n.* a branched decorative light fixture designed to be mounted on ceilings or walls
15. op\_\_\_\_\_ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
16. 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
17. sel\_\_\_\_\_ent economy *adj.* able to provide for one's own needs without assistance from others
18. twinkling cha\_\_\_\_\_er *n.* a branched decorative light fixture designed to be mounted on ceilings or walls

ANSWERS: 10. botanical, 11. hydroponic, 12. botanical, 13. app, 14. chandelier, 15. opportune, 16. electrify, 17. self-sufficient, 18. chandelier

19. 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
20. ro\_\_\_\_\_p deck      *n.* the upper surface or cover of a building's roof, often used for recreational or other purposes
21. an op\_\_\_\_\_ne remark      *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
22. es\_\_\_\_\_ic sense      *adj.* relating to beauty or the appreciation of beauty; concerned with the visual or artistic aspects of something
23. oxygenic pho\_\_\_\_\_sis      *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
24. nu\_\_\_\_\_y your skin      *v.* to provide or enrich with nutrients or nourishment; to promote the growth or development of something through proper nourishment
25. es\_\_\_\_\_ic appeal      *adj.* relating to beauty or the appreciation of beauty; concerned with the visual or artistic aspects of something
26. bi\_\_\_\_\_al report      *adj.* occurring every two years
27. nu\_\_\_\_\_y soil      *v.* to provide or enrich with nutrients or nourishment; to promote the growth or development of something through proper nourishment

ANSWERS: 19. electrify, 20. rooftop, 21. opportune, 22. esthetic, 23. photosynthesis, 24. nutritify, 25. esthetic, 26. biennial, 27. nutritify

28. fishing h\_t *n.* a small, simple, and often crude shelter or dwelling, typically made of natural materials such as wood or mud
29. wooden le\_\_e *n.* a narrow, flat surface or shelf that juts out from a wall or cliff; a projecting rib or molding along the edge of a surface
30. le\_\_e overlooking the ocean *n.* a narrow, flat surface or shelf that juts out from a wall or cliff; a projecting rib or molding along the edge of a surface

ANSWERS: 28. hut, 29. ledge, 30. ledge



## Session 3: Fill in the Blanks

1. He was determined to become \_\_\_\_\_ and not rely on anyone else.  
*adj.* able to provide for one's own needs without assistance from others
2. This room had a \_\_\_\_\_ glittering with crystals  
*n.* a branched decorative light fixture designed to be mounted on ceilings or walls
3. Fruits and vegetables are important to \_\_\_\_\_ your body with essential vitamins and minerals.  
*v.* to provide or enrich with nutrients or nourishment; to promote the growth or development of something through proper nourishment
4. The museum's new exhibit is a stunning display of both scientific and artistic \_\_\_\_\_.  
*adj.* relating to beauty or the appreciation of beauty; concerned with the visual or artistic aspects of something
5. The \_\_\_\_\_ gardens were filled with exotic plants from all around the world.  
*adj.* relating to the study or science of plants; of, pertaining to, made from, or derived from plants
6. The \_\_\_\_\_ art festival is famous and draws artists and art lovers worldwide.  
*adj.* occurring every two years
7. In \_\_\_\_\_ plants use carbon dioxide to feed themselves.  
*n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

ANSWERS: 1. self-sufficient, 2. chandelier, 3. nourish, 4. esthetic, 5. botanical, 6. biennial, 7. photosynthesis,

8. The phone rang at the most \_\_\_\_\_ time.  
*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
9. The discovery of a critical bug caused the company to delay the \_\_\_\_\_ release.  
*n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
10. They held the dinner party on the \_\_\_\_\_ terrace, enjoying the beautiful view of the city.  
*n.* the upper surface or cover of a building's roof, often used for recreational or other purposes
11. \_\_\_\_\_ utilizes sunlight to create sugars.  
*n.* any of a group of green pigments found in photosynthetic organisms
12. He stood on the narrow \_\_\_\_\_ looking down at the busy street below.  
*n.* a narrow, flat surface or shelf that juts out from a wall or cliff; a projecting rib or molding along the edge of a surface
13. The \_\_\_\_\_ garden in my kitchen allows me to grow fresh herbs and vegetables year-round.  
*adj.* relating to the cultivation of plants in nutrient-rich water instead of soil, often using specialized equipment or systems to optimize growth and production
14. 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: 8. opportune, 9. app's, 10. rooftop, 11. Chlorophyll, 12. ledge, 13. hydroponic, 14. electrify

15. The little girl lived in a small \_\_\_\_ in the woods with her family.

- n.* a small, simple, and often crude shelter or dwelling, typically made of natural materials such as wood or mud

ANSWERS: 15. hut