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## Vocabulary Builder Reference from...

Wolfgang Kessler: How to air-condition outdoor spaces | TED Talk

[https://www.ted.com/talks/wolfgang\\_kessler\\_how\\_to\\_air\\_condition\\_outdoor\\_spaces](https://www.ted.com/talks/wolfgang_kessler_how_to_air_condition_outdoor_spaces)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### amphitheater

*n.* an open-air theater, usually circular or oval, with tiers of seats surrounding a central performance area

*synonym*: arena, stadium, coliseum

(1) outdoor **amphitheater**, (2) ancient **amphitheater**

The performers took to the stage in the **amphitheater's** center, surrounded by cheering fans.

### spectator

*n.* someone present at an event, such as a sports game, play, or concert, to watch or observe it

*synonym*: onlooker, observer, viewer

(1) mass **spectator** sport, (2) **spectator** seat

She enjoyed watching the game as a **spectator**.

### confuse

*v.* to mistake one thing for another; to make somebody hard to understand

*synonym*: confound, obscure, disorient

(1) **confuse** the listener, (2) **confuse** fantasy with reality

Her remarks **confused** the debate.

### climatic

*adj.* relating to the weather or climate

*synonym*: meteorological, weather-related, atmospheric

(1) long-term **climatic** effect, (2) **climatic** change

The **climatic** conditions in this region were ideal for growing

grapes.

## olympiad

*n.* a period of four years, originally the time between the ancient Olympic Games and now commonly used to refer to the modern Olympic Games, which are held every four years

(1) the modern **olympiad**, (2) summer **olympiad**

She won a gold medal in the physics **olympiad** and was praised by her teachers and peers.

## somber

*adj.* having a serious or sad atmosphere or character; gloomy or dark

*synonym*: gloomy, dark, dreary

(1) a suit of **somber** black, (2) **somber** atmosphere

The **somber** mood at the funeral was palpable.

## envelop

*v.* to surround and cover completely; to encase

*synonym*: wrap, cover, surround

(1) **envelop** the whole world, (2) **envelop** her in a bear hug

The fog **enveloped** the city, making it difficult to see.

## outdo

*v.* to do better than someone; to surpass

*synonym*: excel, surpass, outshine

(1) **outdo** him in trickery, (2) **outdo** the competition

He tried to **outdo** his rival by breaking the world record.

## diffuse

*adj.* spread out widely; not concentrated in one place

*synonym*: spread, scatter

(1) **diffuse** bleeding, (2) **diffuse** cloud

Direct lighting is preferable to **diffuse** lighting when reading.

## radiant

*adj.* emitting light or heat; shining brightly

*synonym*: shining, glowing, brilliant

(1) **radiant** smile, (2) **radiant** light

She looked **radiant** on her wedding day.

## excite

*v.* to make someone feel suddenly enthusiastic or eager  
*synonym*: thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

## stabilize

*v.* to become or cause to become steady or unlikely to give way

*synonym*: brace, steady, secure

(1) **stabilize** prices, (2) **stabilize** blood sugar levels

The raising of interest rates **stabilizes** the inflation rate.

## industrious

*adj.* hardworking, diligent, and persistent in effort

*synonym*: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

## photovoltaics

*n.* a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels

*synonym*: solar cells, solar power

(1) **photovoltaics** recycling initiatives, (2) **photovoltaics** system

The development of thin-film **photovoltaics** has allowed for a wider range of applications in building design.

## plaza

*n.* a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries

*synonym*: park, square, center

(1) main **plaza**, (2) memorial **plaza**

Three young men were busking in the shopping **plaza**.

## footprint

*n.* a mark of a foot, shoe, or animal's foot left on a surface

*synonym*: footmark, imprint, impression

(1) **footprints** in the snow, (2) the **footprints** of an earlier

civilization

We choose transportation that has a smaller carbon **footprint**.

## Session 2: Spelling

1. ra\_\_\_\_t light *adj.* emitting light or heat; shining brightly
2. di\_\_\_\_e bleeding *adj.* spread out widely; not concentrated in one place
3. ex\_\_\_\_e rebellion *v.* to make someone feel suddenly enthusiastic or eager
4. ou\_\_o the competition *v.* to do better than someone; to surpass
5. pho\_\_\_\_ics system *n.* a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels
6. the fo\_\_\_\_nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
7. fo\_\_\_\_nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
8. st\_\_\_\_ze blood sugar levels *v.* to become or cause to become steady or unlikely to give way
9. en\_\_\_\_p her in a bear hug *v.* to surround and cover completely; to encase
10. ancient amp\_\_\_\_ter *n.* an open-air theater, usually circular or oval, with tiers of seats surrounding a central performance area
11. co\_\_\_\_e the listener *v.* to mistake one thing for another; to make somebody hard to understand

ANSWERS: 1. radiant, 2. diffuse, 3. excite, 4. outdo, 5. photovoltaics, 6. footprint, 7. footprint, 8. stabilize, 9. envelop, 10. amphitheater, 11. confuse

12. cl\_\_\_\_ic change *adj.* relating to the weather or climate
13. a suit of so\_\_\_\_r black *adj.* having a serious or sad atmosphere or character; gloomy or dark
14. main pl\_\_a *n.* a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries
15. ra\_\_\_\_t smile *adj.* emitting light or heat; shining brightly
16. ou\_\_o him in trickery *v.* to do better than someone; to surpass
17. sp\_\_\_\_or seat *n.* someone present at an event, such as a sports game, play, or concert, to watch or observe it
18. summer ol\_\_\_\_ad *n.* a period of four years, originally the time between the ancient Olympic Games and now commonly used to refer to the modern Olympic Games, which are held every four years
19. ind\_\_\_\_us worker *adj.* hardworking, diligent, and persistent in effort
20. ind\_\_\_\_us student *adj.* hardworking, diligent, and persistent in effort
21. mass sp\_\_\_\_or sport *n.* someone present at an event, such as a sports game, play, or concert, to watch or observe it
22. co\_\_\_\_e fantasy with reality *v.* to mistake one thing for another; to make somebody hard to understand
23. outdoor amp\_\_\_\_ter *n.* an open-air theater, usually circular or oval, with tiers of seats surrounding a central performance area

ANSWERS: 12. climatic, 13. somber, 14. plaza, 15. radiant, 16. outdo, 17. spectator, 18. olympiad, 19. industrious, 20. industrious, 21. spectator, 22. confuse, 23. amphitheater

24. long-term cl\_\_\_\_ic effect *adj.* relating to the weather or climate
25. ex\_\_\_e the crowd *v.* to make someone feel suddenly enthusiastic or eager
26. di\_\_\_\_e cloud *adj.* spread out widely; not concentrated in one place
27. st\_\_\_\_\_ze prices *v.* to become or cause to become steady or unlikely to give way
28. the modern ol\_\_\_\_ad *n.* a period of four years, originally the time between the ancient Olympic Games and now commonly used to refer to the modern Olympic Games, which are held every four years
29. pho\_\_\_\_\_ics recycling initiatives *n.* a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels
30. memorial pl\_\_a *n.* a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries
31. en\_\_\_\_p the whole world *v.* to surround and cover completely; to encase
32. so\_\_\_r atmosphere *adj.* having a serious or sad atmosphere or character; gloomy or dark

ANSWERS: 24. climatic, 25. excite, 26. diffuse, 27. stabilize, 28. olympiad, 29. photovoltaics, 30. plaza, 31. envelop, 32. somber

## Session 3: Fill in the Blanks

1. She won a gold medal in the physics \_\_\_\_\_ and was praised by her teachers and peers.
  - n.* a period of four years, originally the time between the ancient Olympic Games and now commonly used to refer to the modern Olympic Games, which are held every four years
  
2. The \_\_\_\_\_ mood at the funeral was palpable.
  - adj.* having a serious or sad atmosphere or character; gloomy or dark
  
3. The performers took to the stage in the \_\_\_\_\_ center, surrounded by cheering fans.
  - n.* an open-air theater, usually circular or oval, with tiers of seats surrounding a central performance area
  
4. Direct lighting is preferable to \_\_\_\_\_ lighting when reading.
  - adj.* spread out widely; not concentrated in one place
  
5. She enjoyed watching the game as a \_\_\_\_\_.
  - n.* someone present at an event, such as a sports game, play, or concert, to watch or observe it
  
6. The development of thin-film \_\_\_\_\_ has allowed for a wider range of applications in building design.
  - n.* a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels
  
7. The fog \_\_\_\_\_ the city, making it difficult to see.
  - v.* to surround and cover completely; to encase

ANSWERS: 1. olympiad, 2. somber, 3. amphitheater's, 4. diffuse, 5. spectator, 6. photovoltaics, 7. enveloped



8. The \_\_\_\_\_ conditions in this region were ideal for growing grapes.  
*adj.* relating to the weather or climate
9. He was known to be very \_\_\_\_\_ and would often work late into the night.  
*adj.* hardworking, diligent, and persistent in effort
10. She looked \_\_\_\_\_ on her wedding day.  
*adj.* emitting light or heat; shining brightly
11. The raising of interest rates \_\_\_\_\_ the inflation rate.  
*v.* to become or cause to become steady or unlikely to give way
12. Her remarks \_\_\_\_\_ the debate.  
*v.* to mistake one thing for another; to make somebody hard to understand
13. The news of her promotion \_\_\_\_\_ her.  
*v.* to make someone feel suddenly enthusiastic or eager
14. We choose transportation that has a smaller carbon \_\_\_\_\_.  
*n.* a mark of a foot, shoe, or animal's foot left on a surface
15. He tried to \_\_\_\_\_ his rival by breaking the world record.  
*v.* to do better than someone; to surpass
16. Three young men were busking in the shopping \_\_\_\_\_.  
*n.* a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries

ANSWERS: 8. climatic, 9. industrious, 10. radiant, 11. stabilizes, 12. confused, 13. excited, 14. footprint, 15. outdo, 16. plaza