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Vocabulary Builder Reference from...

Danielle Wood: 6 space technologies we can use to improve life on Earth | TED Talk

https://www.ted.com/talks/danielle_wood_6_space_technologies_we_can_use_to_improve_life_on_earth

Advanced Words Only

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Session 1: Word List

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.

observatory

- n. a building designed and equipped to observe the planets, the stars, the weather, etc.

(1) space **observatory**, (2) a meteorological **observatory**

That astronomical **observatory** stands at the top of the mountain.

rumble

- v. to make a low, heavy continuous sound

synonym : roar, growl, grumble

(1) **rumble** an order, (2) **rumble** down the dirt track

The thunder **rumbled** in the distance.

vibrate

- v. to move or cause anything to move fast and in small increments from side to side

synonym : oscillate, convulse, jerk

(1) **vibrate** at a regular frequency, (2) **vibrate** with anger

During the flight, the wings of the plane **vibrate**.

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.

irrespective

adv. without taking something into account; regardless of

synonym : heedless, inattentive, regardless

(1) **irrespective** of age, (2) **irrespective** of his will
Our company hires **irrespective** of national origin.

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.

typhoon

n. a tropical storm with strong winds and heavy rain, typically occurring in the western Pacific Ocean

synonym : cyclone, hurricane, storm

(1) super **typhoon**, (2) **typhoon** season

Many families were forced to evacuate their homes due to the **typhoon's** severity.

inflate

v. to fill something with air or gas so that it becomes bigger and rounder

synonym : blow up, expand, puff up

(1) **inflate** a tire, (2) **inflate** expense reports
She **inflated** the balloons for the party.

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.

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.

visualize

v. to form a mental image or concept of something; to make something visible

synonym: imagine, picture, envision

(1) **visualize** data, (2) **visualize** flying through space

She tried to **visualize** the layout of the new house in her mind.

snowfall

n. a fall of snow; the amount of snow falling within a particular area in a specific time

synonym: snow, blizzard, gale

(1) the first **snowfall** of the season, (2) **snowfall** prediction

Several roads have been closed due to the heavy **snowfall**.

famine

n. a severe shortage of food, often caused by drought, war, or economic reasons

synonym: hunger, starvation, drought

(1) **famine** relief, (2) coal **famine**

The severe **famine** caused by the drought has left many people without food.

microgravity

n. a condition of feeble gravity, often experienced by objects or organisms in orbit around a planet or other celestial body, such as the International Space Station

synonym: zero gravity, weightlessness, freefall

(1) **microgravity** research, (2) **microgravity** environment

Astronauts experience the effects of **microgravity** when they are in space.

astronaut

n. a person trained by a space agency to travel outside the Earth's atmosphere

synonym : spaceman, cosmonaut

(1) **astronaut** mission, (2) **astronaut** in training

The shuttle **astronaut** trained for months before embarking on the space mission.

stargaze

v. to gaze at the stars, especially at night; to daydream or fantasize:

synonym : observe, daydream, woolgather

(1) **stargaze** on the roof, (2) **stargaze** in wonder

We like to **stargaze** on clear summer nights and try to identify as many constellations as we can.

meteorology

n. the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions

(1) agricultural **meteorology**, (2) marine **meteorology**

He conducted his research at the **meteorology** laboratory using large-scale computing.

inaccessible

adj. unable to travel to or reach; not available

synonym : inapproachable, unreachable, remote

(1) **inaccessible** to an unauthorized user, (2) **inaccessible** areas

Heavy snow made it **inaccessible** to go to the mountain village.

motto

n. a phrase or slogan that expresses a guiding principle or goal

synonym : slogan, catchphrase, phrase

(1) the **motto** for safe traffic, (2) company **motto**

The company's **motto** is "Innovation and Service," which is reflected in its products and customer support.

Session 2: Spelling

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|------------------------------------|--|
| 1. marine met_____gy | <i>n.</i> the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions |
| 2. co_____e the listener | <i>v.</i> to mistake one thing for another; to make somebody hard to understand |
| 3. ru___e down the dirt track | <i>v.</i> to make a low, heavy continuous sound |
| 4. vi_____e at a regular frequency | <i>v.</i> to move or cause anything to move fast and in small increments from side to side |
| 5. as_____ut mission | <i>n.</i> a person trained by a space agency to travel outside the Earth's atmosphere |
| 6. the mo__o for safe traffic | <i>n.</i> a phrase or slogan that expresses a guiding principle or goal |
| 7. medical in___n | <i>v.</i> 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 |
| 8. op_____ne occasion | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose |
| 9. ina_____ble areas | <i>adj.</i> unable to travel to or reach; not available |
| 10. company mo__o | <i>n.</i> a phrase or slogan that expresses a guiding principle or goal |

ANSWERS: 1. meteorology, 2. confuse, 3. rumble, 4. vibrate, 5. astronaut, 6. motto, 7. intern, 8. opportune, 9. inaccessible, 10. motto

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|---------------------------------------|--|
| 11. the first sn_____ll of the season | <i>n.</i> a fall of snow; the amount of snow falling within a particular area in a specific time |
| 12. mic_____ity research | <i>n.</i> a condition of feeble gravity, often experienced by objects or organisms in orbit around a planet or other celestial body, such as the International Space Station |
| 13. an op_____ne remark | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose |
| 14. in_____e expense reports | <i>v.</i> to fill something with air or gas so that it becomes bigger and rounder |
| 15. space obs_____ry | <i>n.</i> a building designed and equipped to observe the planets, the stars, the weather, etc. |
| 16. irr_____ive of his will | <i>adv.</i> without taking something into account; regardless of |
| 17. po__t the premise | <i>v.</i> to suggest or accept something as fact or as a basis for argument or consideration |
| 18. a det_____nt of crop yields | <i>n.</i> a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result |
| 19. environmental det_____nt | <i>n.</i> a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result |

ANSWERS: 11. snowfall, 12. microgravity, 13. opportune, 14. inflate, 15. observatory, 16. irrespective, 17. posit, 18. determinant, 19. determinant

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|---|------|---|
| 20. po__t the existence of life after death | v. | to suggest or accept something as fact or as a basis for argument or consideration |
| 21. ru___e an order | v. | to make a low, heavy continuous sound |
| 22. ty_____n season | n. | a tropical storm with strong winds and heavy rain, typically occurring in the western Pacific Ocean |
| 23. coal fa___e | n. | a severe shortage of food, often caused by drought, war, or economic reasons |
| 24. irr_____ive of age | adv. | without taking something into account; regardless of |
| 25. vi_____e with anger | v. | to move or cause anything to move fast and in small increments from side to side |
| 26. ina_____ble to an unauthorized user | adj. | unable to travel to or reach; not available |
| 27. super ty_____n | n. | a tropical storm with strong winds and heavy rain, typically occurring in the western Pacific Ocean |
| 28. vi_____ze flying through space | v. | to form a mental image or concept of something; to make something visible |
| 29. co_____e fantasy with reality | v. | to mistake one thing for another; to make somebody hard to understand |
| 30. st_____ze in wonder | v. | to gaze at the stars, especially at night; to daydream or fantasize: |
| 31. sn_____ll prediction | n. | a fall of snow; the amount of snow falling within a particular area in a specific time |

ANSWERS: 20. posit, 21. rumble, 22. typhoon, 23. famine, 24. irrespective, 25. vibrate, 26. inaccessible, 27. typhoon, 28. visualize, 29. confuse, 30. stargaze, 31. snowfall

32. as_____ut in training *n.* a person trained by a space agency to travel outside the Earth's atmosphere
33. vi_____ze data *v.* to form a mental image or concept of something; to make something visible
34. fa___e relief *n.* a severe shortage of food, often caused by drought, war, or economic reasons
35. 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
36. a meteorological obs_____ry *n.* a building designed and equipped to observe the planets, the stars, the weather, etc.
37. mic_____ity environment *n.* a condition of feeble gravity, often experienced by objects or organisms in orbit around a planet or other celestial body, such as the International Space Station
38. st_____ze on the roof *v.* to gaze at the stars, especially at night; to daydream or fantasize:
39. in_____e a tire *v.* to fill something with air or gas so that it becomes bigger and rounder
40. agricultural met_____gy *n.* the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions

ANSWERS: 32. astronaut, 33. visualize, 34. famine, 35. intern, 36. observatory, 37. microgravity, 38. stargaze, 39. inflate, 40. meteorology

Session 3: Fill in the Blanks

1. 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

2. That astronomical _____ stands at the top of the mountain.
 - n.* a building designed and equipped to observe the planets, the stars, the weather, etc.

3. The company's _____ is "Innovation and Service," which is reflected in its products and customer support.
 - n.* a phrase or slogan that expresses a guiding principle or goal

4. Her remarks _____ the debate.
 - v.* to mistake one thing for another; to make somebody hard to understand

5. The shuttle _____ trained for months before embarking on the space mission.
 - n.* a person trained by a space agency to travel outside the Earth's atmosphere

6. She _____ the balloons for the party.
 - v.* to fill something with air or gas so that it becomes bigger and rounder

7. During the flight, the wings of the plane _____.
 - v.* to move or cause anything to move fast and in small increments from side to side

ANSWERS: 1. determinant, 2. observatory, 3. motto, 4. confused, 5. astronaut, 6. inflated, 7. vibrate

8. The severe _____ caused by the drought has left many people without food.
n. a severe shortage of food, often caused by drought, war, or economic reasons
9. Several roads have been closed due to the heavy _____.
n. a fall of snow; the amount of snow falling within a particular area in a specific time
10. Heavy snow made it _____ to go to the mountain village.
adj. unable to travel to or reach; not available
11. Many families were forced to evacuate their homes due to the _____ severity.
n. a tropical storm with strong winds and heavy rain, typically occurring in the western Pacific Ocean
12. 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
13. She tried to _____ the layout of the new house in her mind.
v. to form a mental image or concept of something; to make something visible
14. Astronauts experience the effects of _____ when they are in space.
n. a condition of feeble gravity, often experienced by objects or organisms in orbit around a planet or other celestial body, such as the International Space Station
15. The thunder _____ in the distance.
v. to make a low, heavy continuous sound

ANSWERS: 8. famine, 9. snowfall, 10. inaccessible, 11. typhoon's, 12. interned, 13. visualize, 14. microgravity, 15. rumbled

16. We like to _____ on clear summer nights and try to identify as many constellations as we can.

v. to gaze at the stars, especially at night; to daydream or fantasize:

17. The phone rang at the most _____ time.

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

18. Our company hires _____ of national origin.

adv. without taking something into account; regardless of

19. He conducted his research at the _____ laboratory using large-scale computing.

n. the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions

20. We should _____ several hypotheses to discuss the matter.

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

ANSWERS: 16. stargaze, 17. opportune, 18. irrespective, 19. meteorology, 20. posit