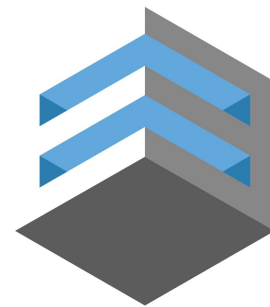


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Vocabulary Builder Reference from...

Matt Porter and Margaret Hamilton: NASA's first software engineer: Margaret Hamilton | TED Talk
https://www.ted.com/talks/matt_porter_and_margaret_hamilton_nasa_s_first_software_engineer_margaret_hamilton

Advanced Words Only

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

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.

abort

v. to terminate or cancel something before it is complete or fully developed; to cause the end of a pregnancy before the fetus is viable or can survive outside the womb

synonym: cancel, terminate, halt

(1) **abort** a mission, (2) **abort** a takeoff

The company had to **abort** the plan because of financial constraints.

inflight

adj. happening or available during an aircraft flight

(1) **inflight** collision, (2) **inflight** meal

This aircraft offers free **inflight** Internet service.

inquisitive

adj. curious and interested in learning or finding out about things; questioning or prying into matters that are not one's concern; curious or nosy

synonym: curious, inquiring, nosy

(1) **inquisitive** mind, (2) **inquisitive** researcher

The **inquisitive** child asked endless questions about the world around her.

unreliable

adj. not able to be trusted or depended on

synonym: inconsistent, erratic, undependable

(1) prove **unreliable**, (2) **unreliable** source of information

By incorrect assumption, statistics can be notoriously **unreliable**.

onboard

v. to become or make part of a team, group, or system; to install, activate, or begin using a piece of equipment or software; (adjective) included or integrated into a particular system, machine, or device

synonym: embark, aboard, on-load

(1) **onboard** the new employees, (2) **onboard** computer

The passengers were instructed to **onboard** the aircraft as quickly as possible so that the flight could depart on time.

lunar

adj. of or pertaining to the moon

synonym: moony

(1) **lunar** crater, (2) **lunar** surface

Ancient people felt mystified by the patterns on the **lunar** surface.

adaptable

adj. able or willing to modify or be modified to deal with new situations

synonym: flexible, adjustable, elastic

(1) **adaptable** enough for the environment, (2) an **adaptable** person

We seek a candidate who possesses **adaptable** fighting potential.

predetermine

v. to decide or determine in advance; to establish or influence beforehand

synonym:

determine in advance, predestine, decide beforehand

(1) **predetermine** effectiveness, (2) **predetermine** result
I can't **predetermine** the game's outcome, and anything can happen.

asynchronous

adj. not happening at the same time or speed

synonym: non-synchronous, out of sync, not simultaneous

(1) **asynchronous** communication, (2) in **asynchronous** mode

The online course was designed for **asynchronous** learning, allowing students to complete assignments at their own pace.

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.

inadvertently

adv. unintentionally; accidentally; without purpose or deliberate intent

synonym: unknowingly, unintentionally, accidentally

(1) **inadvertently** deleted, (2) **inadvertently** omitted

I **inadvertently** left my phone at home this morning and felt lost.

rendezvous

n. a meeting or appointment that has been arranged beforehand; a gathering of people in a pre-arranged location

synonym: meeting, appointment, encounter

(1) romantic **rendezvous**, (2) business **rendezvous**

Our **rendezvous** point was the coffee shop on the corner.

lifesaving

n. the act or process of rescuing someone else's life, especially from drowning

(1) **lifesaving** efforts, (2) **lifesaving** device

The patient needs a **lifesaving** transplant operation.

Session 2: Spelling

- | | |
|---|---|
| 1. pre_____ine result | <i>v.</i> to decide or determine in advance; to establish or influence beforehand |
| 2. lif_____ng device | <i>n.</i> the act or process of rescuing someone else's life, especially from drowning |
| 3. in_____ht meal | <i>adj.</i> happening or available during an aircraft flight |
| 4. unr_____le source of information | <i>adj.</i> not able to be trusted or depended on |
| 5. in_____ht collision | <i>adj.</i> happening or available during an aircraft flight |
| 6. 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 |
| 7. lu__r crater | <i>adj.</i> of or pertaining to the moon |
| 8. ad_____le enough for the environment | <i>adj.</i> able or willing to modify or be modified to deal with new situations |
| 9. pre_____ine effectiveness | <i>v.</i> to decide or determine in advance; to establish or influence beforehand |
| 10. lif_____ng efforts | <i>n.</i> the act or process of rescuing someone else's life, especially from drowning |
| 11. business ren_____us | <i>n.</i> a meeting or appointment that has been arranged beforehand; a gathering of people in a pre-arranged location |
| 12. prove unr_____le | <i>adj.</i> not able to be trusted or depended on |

ANSWERS: 1. predetermine, 2. lifesaving, 3. inflight, 4. unreliable, 5. inflight, 6. determinant, 7. lunar, 8. adaptable, 9. predetermine, 10. lifesaving, 11. rendezvous, 12. unreliable

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|-------------------------------|--|
| 13. on____d the new employees | <i>v.</i> to become or make part of a team, group, or system; to install, activate, or begin using a piece of equipment or software; (adjective) included or integrated into a particular system, machine, or device |
| 14. ina_____tly deleted | <i>adv.</i> unintentionally; accidentally; without purpose or deliberate intent |
| 15. inq_____ve mind | <i>adj.</i> curious and interested in learning or finding out about things; questioning or prying into matters that are not one's concern; curious or nosy |
| 16. romantic ren_____us | <i>n.</i> a meeting or appointment that has been arranged beforehand; a gathering of people in a pre-arranged location |
| 17. in asy_____ous mode | <i>adj.</i> not happening at the same time or speed |
| 18. as_____ut mission | <i>n.</i> a person trained by a space agency to travel outside the Earth's atmosphere |
| 19. ab__t a mission | <i>v.</i> to terminate or cancel something before it is complete or fully developed; to cause the end of a pregnancy before the fetus is viable or can survive outside the womb |
| 20. on____d computer | <i>v.</i> to become or make part of a team, group, or system; to install, activate, or begin using a piece of equipment or software; (adjective) included or integrated into a particular system, machine, or device |

ANSWERS: 13. onboard, 14. inadvertently, 15. inquisitive, 16. rendezvous, 17. asynchronous, 18. astronaut, 19. abort, 20. onboard

- | | |
|---------------------------------|---|
| 21. an ad_____le person | <i>adj.</i> able or willing to modify or be modified to deal with new situations |
| 22. inq_____ve researcher | <i>adj.</i> curious and interested in learning or finding out about things; questioning or prying into matters that are not one's concern; curious or nosy |
| 23. asy_____ous communication | <i>adj.</i> not happening at the same time or speed |
| 24. as_____ut in training | <i>n.</i> a person trained by a space agency to travel outside the Earth's atmosphere |
| 25. 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 |
| 26. lu__r surface | <i>adj.</i> of or pertaining to the moon |
| 27. ab__t a takeoff | <i>v.</i> to terminate or cancel something before it is complete or fully developed; to cause the end of a pregnancy before the fetus is viable or can survive outside the womb |
| 28. ina_____tly omitted | <i>adv.</i> unintentionally; accidentally; without purpose or deliberate intent |

ANSWERS: 21. adaptable, 22. inquisitive, 23. asynchronous, 24. astronaut, 25. determinant, 26. lunar, 27. abort, 28. inadvertently

Session 3: Fill in the Blanks

1. The patient needs a _____ transplant operation.
n. the act or process of rescuing someone else's life, especially from drowning
2. 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
3. We seek a candidate who possesses _____ fighting potential.
adj. able or willing to modify or be modified to deal with new situations
4. The passengers were instructed to _____ the aircraft as quickly as possible so that the flight could depart on time.
v. to become or make part of a team, group, or system; to install, activate, or begin using a piece of equipment or software; (adjective) included or integrated into a particular system, machine, or device
5. I _____ left my phone at home this morning and felt lost.
adv. unintentionally; accidentally; without purpose or deliberate intent
6. 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
7. Ancient people felt mystified by the patterns on the _____ surface.
adj. of or pertaining to the moon

ANSWERS: 1. lifesaving, 2. determinant, 3. adaptable, 4. onboard, 5. inadvertently, 6. astronaut, 7. lunar

8. Our _____ point was the coffee shop on the corner.
n. a meeting or appointment that has been arranged beforehand; a gathering of people in a pre-arranged location
9. The _____ child asked endless questions about the world around her.
adj. curious and interested in learning or finding out about things; questioning or prying into matters that are not one's concern; curious or nosy
10. The online course was designed for _____ learning, allowing students to complete assignments at their own pace.
adj. not happening at the same time or speed
11. The company had to _____ the plan because of financial constraints.
v. to terminate or cancel something before it is complete or fully developed; to cause the end of a pregnancy before the fetus is viable or can survive outside the womb
12. This aircraft offers free _____ Internet service.
adj. happening or available during an aircraft flight
13. I can't _____ the game's outcome, and anything can happen.
v. to decide or determine in advance; to establish or influence beforehand
14. By incorrect assumption, statistics can be notoriously _____.
adj. not able to be trusted or depended on

ANSWERS: 8. rendezvous, 9. inquisitive, 10. asynchronous, 11. abort, 12. inflight, 13. predetermine, 14. unreliable