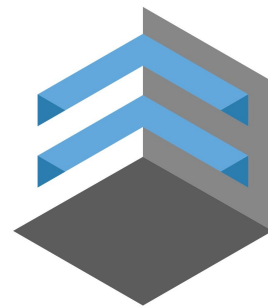


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Vocabulary Builder Reference from...

Megan McArthur: A NASA astronaut's lessons on fear, confidence and preparing for spaceflight | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

awry

adv. in a wrong or crooked position; out of order; amiss

synonym: amiss, askew, incorrect

(1) **awry** plan, (2) **awry** hair

The plans for the surprise party went **awry** when the cake was ruined.

countdown

n. a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline

synonym: timer

(1) **countdown** clock, (2) wedding **countdown**

The **countdown** to launch began as the astronauts prepared for their mission.

liftoff

n. the moment when a spacecraft or other vehicle takes off and lifts off the ground; the act or process of launching or beginning an endeavor

synonym: takeoff, launching, ascent

(1) **liftoff** time, (2) **liftoff** procedure

The spacecraft had a successful **liftoff**, launching into the

atmosphere.

outpouring

n. a sudden and abundant flow or expression of thoughts, feelings, emotion, or information; an overwhelming amount of something expressed in a short period of time

synonym: outflow, surge, torrent

(1) artistic **outpouring**, (2) emotional **outpouring**

The **outpouring** of support from the community was overwhelming after the tragic event.

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.

terrifying

adj. very frightening or intimidating

synonym: frightening, intimidating, alarming

(1) **terrifying** experience, (2) **terrifying** events

Large earthquakes often generate **terrifying** tsunamis.

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.

helpless

adj. unable to take care of oneself or to do things without help

synonym: defenseless, powerless, susceptible

(1) **helpless** baby, (2) **helpless** victims

I feel so **helpless** without you.

cockpit

n. the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft

synonym: flight deck, control room, bridge

(1) navigator's **cockpit**, (2) **cockpit** ship

The pilot sat in the **cockpit** of the airplane.

confer

v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

synonym: consult, meet, discuss

(1) **confer** degree, (2) **confer** honor

The leaders of the two countries met to **confer** on the issue.

quote

v. to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services

synonym: cite, reference, mention

(1) **quote** a source, (2) **quote** a price

In his speech, he **quoted** a famous philosopher to emphasize his point.

challenger

n. a person or thing that challenges or competes with someone or something else; a contestant in a competition or challenge

synonym: contender, rival, contestant

(1) **challenger** brand, (2) political **challenger**

The **challenger** in the boxing match put up a good fight.

explode

v. to burst or break open violently and noisily; to cause something to burst or break open

synonym: detonate, blast, rupture

(1) **explode** in anger, (2) **explode** in popularity

The old building **exploded** in a fiery inferno.

crux

n. the most important or fundamental part of a matter or situation; the key point or central issue

synonym: heart, core, essence

(1) main **crux**, (2) the **crux** of the argument

The **crux** of the matter was that the company was not financially stable.

instruct

v. to teach someone practical skills or knowledge; to formally order or tell someone to do something

synonym: train, coach, guide

(1) **instruct** a student, (2) **instruct** a computer

The facility manager **instructed** the security guards to be on high alert.

unprepared

adj. not properly or adequately prepared; lacking preparation; not ready

synonym: inexperienced, caught off-guard, ill-equipped

(1) **unprepared** speech, (2) **unprepared** for the exam

The **unprepared** student struggled on the test and received a low grade.

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.

voluntell

v. (combination of the words "volunteer" and "tell") to assign someone a task or responsibility as if it were voluntary when in fact, it is not

synonym: obligate, coerce, press-gang

(1) **voluntell** the students to stay after class, (2) **voluntell** the new hire to lead the project

My boss **voluntells** me to organize the company's holiday party this year.

spaceship

n. (especially in science fiction) a spacecraft designed to carry a crew into interstellar space

synonym: starship, rocket, spacecraft

(1) a **spaceship** to survey the moon, (2) alien **spaceship**

They launched a crewless **spaceship** into space.

robotic

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and

engineering with the practical use of robots

synonym: automated, mechanical, laborsaving

(1) **robotic** arm, (2) **robotic** guide operation

The surgeon removed the tumor using **robotic** video assistance.

expanse

n. a substance, such as water or oil, that flows freely and is neither a solid nor a gas

synonym: stretch, field, spread

(1) vast **expanse**, (2) large **expanses**

She looked over the immense **expanse** of the sea.

visceral

adj. relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

synonym: instinctive, intuitive, gut

(1) **visceral** organ, (2) **visceral** fear

After watching the horror movie, she had a **visceral** reaction and couldn't sleep all night.

Session 2: Spelling

- | | |
|---|---|
| 1. vi_____al organ | <i>adj.</i> relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses |
| 2. cha_____er brand | <i>n.</i> a person or thing that challenges or competes with someone or something else; a contestant in a competition or challenge |
| 3. co_____t ship | <i>n.</i> the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft |
| 4. as_____ut in training | <i>n.</i> a person trained by a space agency to travel outside the Earth's atmosphere |
| 5. vo_____ll the new hire to lead the project | <i>v.</i> (combination of the words "volunteer" and "tell") to assign someone a task or responsibility as if it were voluntary when in fact, it is not |
| 6. li_____f procedure | <i>n.</i> the moment when a spacecraft or other vehicle takes off and lifts off the ground; the act or process of launching or beginning an endeavor |
| 7. wedding co_____wn | <i>n.</i> a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline |

ANSWERS: 1. visceral, 2. challenger, 3. cockpit, 4. astronaut, 5. voluntell, 6. liftoff, 7. countdown

- | | |
|-----------------------------|--|
| 8. in_____ct a computer | <i>v.</i> to teach someone practical skills or knowledge; to formally order or tell someone to do something |
| 9. ter_____ng experience | <i>adj.</i> very frightening or intimidating |
| 10. ex_____e in popularity | <i>v.</i> to burst or break open violently and noisily; to cause something to burst or break open |
| 11. artistic out_____ng | <i>n.</i> a sudden and abundant flow or expression of thoughts, feelings, emotion, or information; an overwhelming amount of something expressed in a short period of time |
| 12. ro_____c arm | <i>adj.</i> of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots |
| 13. unp_____ed for the exam | <i>adj.</i> not properly or adequately prepared; lacking preparation; not ready |
| 14. li_____f time | <i>n.</i> the moment when a spacecraft or other vehicle takes off and lifts off the ground; the act or process of launching or beginning an endeavor |
| 15. co____r degree | <i>v.</i> to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something |
| 16. op_____ne occasion | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose |
| 17. an op_____ne remark | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose |

ANSWERS: 8. instruct, 9. terrifying, 10. explode, 11. outpouring, 12. robotic, 13. unprepared, 14. liftoff, 15. confer, 16. opportune, 17. opportune

- | | |
|------------------------------|--|
| 18. the c__x of the argument | <i>n.</i> the most important or fundamental part of a matter or situation; the key point or central issue |
| 19. qu__e a source | <i>v.</i> to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services |
| 20. emotional out_____ng | <i>n.</i> a sudden and abundant flow or expression of thoughts, feelings, emotion, or information; an overwhelming amount of something expressed in a short period of time |
| 21. a__y plan | <i>adv.</i> in a wrong or crooked position; out of order; amiss |
| 22. ro_____c guide operation | <i>adj.</i> of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots |
| 23. ro_____p live | <i>n.</i> the upper surface or cover of a building's roof, often used for recreational or other purposes |
| 24. alien sp_____ip | <i>n.</i> (especially in science fiction) a spacecraft designed to carry a crew into interstellar space |
| 25. navigator's co_____t | <i>n.</i> the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft |
| 26. vast ex_____e | <i>n.</i> a substance, such as water or oil, that flows freely and is neither a solid nor a gas |

ANSWERS: 18. crux, 19. quote, 20. outpouring, 21. awry, 22. robotic, 23. rooftop, 24. spaceship, 25. cockpit, 26. expanse

- | | |
|--|---|
| 27. as_____ut mission | <i>n.</i> a person trained by a space agency to travel outside the Earth's atmosphere |
| 28. co_____wn clock | <i>n.</i> a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline |
| 29. ex_____e in anger | <i>v.</i> to burst or break open violently and noisily; to cause something to burst or break open |
| 30. main c__x | <i>n.</i> the most important or fundamental part of a matter or situation; the key point or central issue |
| 31. qu__e a price | <i>v.</i> to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services |
| 32. he_____ss baby | <i>adj.</i> unable to take care of oneself or to do things without help |
| 33. political cha_____er | <i>n.</i> a person or thing that challenges or competes with someone or something else; a contestant in a competition or challenge |
| 34. unp_____ed speech | <i>adj.</i> not properly or adequately prepared; lacking preparation; not ready |
| 35. vo_____ll the students to stay after class | <i>v.</i> (combination of the words "volunteer" and "tell") to assign someone a task or responsibility as if it were voluntary when in fact, it is not |

ANSWERS: 27. astronaut, 28. countdown, 29. explode, 30. crux, 31. quote, 32. helpless, 33. challenger, 34. unprepared, 35. voluntell

36. large ex____es	<i>n.</i> a substance, such as water or oil, that flows freely and is neither a solid nor a gas
37. a__y hair	<i>adv.</i> in a wrong or crooked position; out of order; amiss
38. ter_____ng events	<i>adj.</i> very frightening or intimidating
39. ro____p deck	<i>n.</i> the upper surface or cover of a building's roof, often used for recreational or other purposes
40. co____r honor	<i>v.</i> to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
41. he____ss victims	<i>adj.</i> unable to take care of oneself or to do things without help
42. in____ct a student	<i>v.</i> to teach someone practical skills or knowledge; to formally order or tell someone to do something
43. a sp_____ip to survey the moon	<i>n.</i> (especially in science fiction) a spacecraft designed to carry a crew into interstellar space
44. vi____al fear	<i>adj.</i> relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

ANSWERS: 36. expanse, 37. awry, 38. terrifying, 39. rooftop, 40. confer, 41. helpless, 42. instruct, 43. spaceship, 44. visceral

Session 3: Fill in the Blanks

1. In his speech, he _____ a famous philosopher to emphasize his point.
v. to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services
2. The _____ of the matter was that the company was not financially stable.
n. the most important or fundamental part of a matter or situation; the key point or central issue
3. The _____ in the boxing match put up a good fight.
n. a person or thing that challenges or competes with someone or something else; a contestant in a competition or challenge
4. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose
5. The old building _____ in a fiery inferno.
v. to burst or break open violently and noisily; to cause something to burst or break open
6. The surgeon removed the tumor using _____ video assistance.
adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
7. 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

ANSWERS: 1. quoted, 2. crux, 3. challenger, 4. opportune, 5. exploded, 6. robotic, 7. astronaut

8. The leaders of the two countries met to _____ on the issue.
- v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
9. 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
10. The spacecraft had a successful _____ launching into the atmosphere.
- n.* the moment when a spacecraft or other vehicle takes off and lifts off the ground; the act or process of launching or beginning an endeavor
11. They launched a crewless _____ into space.
- n.* (especially in science fiction) a spacecraft designed to carry a crew into interstellar space
12. Large earthquakes often generate _____ tsunamis.
- adj.* very frightening or intimidating
13. The facility manager _____ the security guards to be on high alert.
- v.* to teach someone practical skills or knowledge; to formally order or tell someone to do something
14. The _____ student struggled on the test and received a low grade.
- adj.* not properly or adequately prepared; lacking preparation; not ready
15. My boss _____ me to organize the company's holiday party this year.
- v.* (combination of the words "volunteer" and "tell") to assign someone a task or responsibility as if it were voluntary when in fact, it is not

ANSWERS: 8. confer, 9. rooftop, 10. liftoff, 11. spaceship, 12. terrifying, 13. instructed, 14. unprepared, 15. voluntells

16. I feel so _____ without you.

adj. unable to take care of oneself or to do things without help

17. The _____ to launch began as the astronauts prepared for their mission.

n. a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline

18. The _____ of support from the community was overwhelming after the tragic event.

n. a sudden and abundant flow or expression of thoughts, feelings, emotion, or information; an overwhelming amount of something expressed in a short period of time

19. After watching the horror movie, she had a _____ reaction and couldn't sleep all night.

adj. relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

20. The plans for the surprise party went _____ when the cake was ruined.

adv. in a wrong or crooked position; out of order; amiss

21. The pilot sat in the _____ of the airplane.

n. the area in an aircraft or spacecraft from which the pilot controls the aircraft or spacecraft

22. She looked over the immense _____ of the sea.

n. a substance, such as water or oil, that flows freely and is neither a solid nor a gas

ANSWERS: 16. helpless, 17. countdown, 18. outpouring, 19. visceral, 20. awry, 21. cockpit, 22. expanse

ANSWERS: