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Vocabulary Builder Reference from...

Burt Rutan: The real future of space exploration | TED Talk

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

Advanced Words Only

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Session 1: Word List

regress

v. to move or develop backward; to return to an earlier or less advanced state or condition; to decline or deteriorate

synonym: retrovert, deteriorate, decline

(1) **regress** to childhood, (2) **regress** in skills

The team's failure to win games has caused them to **regress** in confidence.

instinctively

adv. as a matter of nature or intuition rather than thought or training

synonym: inherently, intuitively, naturally

(1) **instinctively** grabbed the knife, (2) **instinctively** bad with children

Some researchers claim that even humans can **instinctively** sense earthquakes.

colonize

v. to establish a colony in or on a specific place; to settle or occupy in large numbers

synonym: settle, occupy, inhabit

(1) **colonize** planets, (2) **colonize** for cultivation

European powers **colonized** much of the Americas in the 16th and 17th centuries.

marvelous

adj. causing wonder or astonishment; excellent

synonym: wonderful, amazing, superb

(1) **marvelous** performance, (2) **marvelous** power

The view from the top of the mountain was **marvelous**.

wright

n. a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal

synonym: builder, constructor, craftsman

(1) a car- **wright**, (2) aircraft **wright**

She was a skilled **wright**, able to craft intricate pieces of furniture.

broth

n. a liquid in which meat, fish, or vegetables have been cooked, used as a base for soups and stews

synonym: bouillon, consomme, soup

(1) chicken **broth**, (2) remains of **broth**

I always add a bit of **broth** to my soup to give it more flavor.

mover

n. a person or company that specializes in moving goods or possessions from one location to another; a professional moving service or an individual who performs this task for friends, family members, or customers

synonym: removalist, proposer

(1) market **mover**, (2) the **movers** and shakers

The professional **mover** helped us pack and transport our furniture and belongings to our new home.

shaker

n. a container or device used to mix or shake substances, typically used in cooking or for preparing drinks; a member of a religious sect that grew out of a Quaker revival in the United States in the 19th century

synonym: vibrator, agitator, mixer

(1) world- **shaker**, (2) protein **shaker**

The bartender quickly made a **shaker** of cocktails for the group of friends.

Renaissance

n. a new growth in activity or enthusiasm in anything, particularly art, literature, or music

synonym : rebirth, golden age

(1) artistic **renaissance**, (2) industrial **renaissance**

Folk music is now experiencing a **renaissance**.

top-of-the-line

adj. of the highest or best quality; considered the finest or most advanced in a given category or range of products or services

synonym : high-end, premium, top-notch

(1) **top-of-the-line** technology, (2) **top-of-the-line** amenities

The company prides itself on producing **top-of-the-line** electronics that exceed customers' expectations.

rusty

adj. covered with rust (= a reddish-brown coating or corrosion layer); deteriorated or corroded due to lack of use or exposure to the elements; affected by disuse or neglect

synonym : corroded, oxidized, weathered

(1) **rusty** metal, (2) **rusty** nail

The **rusty** gate creaked loudly as it opened.

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.

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.

biggie

n. something important or significant

synonym : important, significant, crucial

(1) a media **biggie**, (2) **biggie** in the market

Winning the lottery is a **biggie** for most people.

artillery

n. large-caliber guns used in warfare, typically operated by a crew and mounted on wheels or in a fixed position; any military weapons, equipment, or vehicles that are operated by a special branch or unit of the armed forces

synonym: guns, cannons, ordnance

(1) **artillery** fire, (2) coastal **artillery**

The army brought in heavier **artillery** to break through the enemy defenses.

shepherd

n. a person who tends and guards sheep, especially in a rural area

synonym: herder, flock-keeper, sheepdog

(1) **shepherd** boy, (2) sheep without a **shepherd**

The **shepherd's** dog helped keep the sheep in line and protect them from predators.

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.

elliptical

adj. having the shape of an oval (= a closed plane curve); using a word or expression that is ambiguous or vague, especially to mislead or avoid committing oneself

synonym: oval, egg-shaped, oblong

(1) an **elliptical** motion, (2) an **elliptical** galaxies

The satellite's **elliptical** orbit made it appear to change its distance from earth.

billionaire

n. a person who has a net worth of at least one billion dollars

synonym: mega-rich, wealthy, tycoon

(1) Silicon Valley **billionaire**, (2) oil **billionaire**

The self-made **billionaire** donated millions to charity.

joyride

n. an act of reckless or unauthorized driving for pleasure or excitement, typically in a stolen car or one belonging to someone else

synonym : pleasure ride, adventure, escapade

(1) **joyride** adventure, (2) **joyride** with friends

Two teenagers were arrested after taking a **joyride** in a stolen car.

gore

v. to pierce with a sharp object, causing injury or death;
(noun) coagulated blood from a wound

synonym : pierce, stab, puncture

(1) **gore** him with a weapon, (2) **gore** scene

The hunter **gored** the deer with an arrow.

musky

adj. having a strong, earthy smell that is often reminiscent of musk or moss

synonym : musty, earthy, pungent

(1) **musky** aroma, (2) **musky** perfume

The **musky** scent of the old book filled the air of the dusty library.

extinct

adj. no longer in existence

synonym : dead, obsolete, abolished

(1) **extinct** by human activity, (2) long- **extinct** volcano

Many species have become **extinct** due to habitat destruction and other human activities.

prestige

n. respect and admiration felt or shown for someone or something based on a perception of their achievements or quality

synonym : honor, distinction, reputation

(1) national **prestige**, (2) **prestige** company

The university has great **prestige** in the academic community.

starve

v. to suffer or die from lack of food; to cause someone or something to suffer or die from lack of food; to deprive

something of necessary nourishment or sustenance

synonym : famish, hunger

(1) **starve** for a victory, (2) **starve** to death

If you don't eat soon, you're going to **starve**.

supersonic

adj. relating to or having a speed above the speed of sound
(roughly 767 miles per hour or 1,235 kilometers per hour
at sea level)

synonym : hypersonic, ultrasonic, transonic

(1) **supersonic** aircraft, (2) **supersonic** wind tunnel

The spacecraft reentered the Earth's atmosphere at
supersonic speeds.

Session 2: Spelling

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|-------------------------------|--|
| 1. aircraft wr___t | <i>n.</i> a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal |
| 2. g__e him with a weapon | <i>v.</i> to pierce with a sharp object, causing injury or death; (noun) coagulated blood from a wound |
| 3. co_____ze planets | <i>v.</i> to establish a colony in or on a specific place; to settle or occupy in large numbers |
| 4. alien sp_____ip | <i>n.</i> (especially in science fiction) a spacecraft designed to carry a crew into interstellar space |
| 5. artistic ren_____ce | <i>n.</i> a new growth in activity or enthusiasm in anything, particularly art, literature, or music |
| 6. lu__r crater | <i>adj.</i> of or pertaining to the moon |
| 7. ru__y nail | <i>adj.</i> covered with rust (= a reddish-brown coating or corrosion layer); deteriorated or corroded due to lack of use or exposure to the elements; affected by disuse or neglect |
| 8. sup_____ic aircraft | <i>adj.</i> relating to or having a speed above the speed of sound (roughly 767 miles per hour or 1,235 kilometers per hour at sea level) |
| 9. ex_____t by human activity | <i>adj.</i> no longer in existence |

ANSWERS: 1. wright, 2. gore, 3. colonize, 4. spaceship, 5. Renaissance, 6. lunar, 7. rusty, 8. supersonic, 9. extinct

10. ru__y metal *adj.* covered with rust (= a reddish-brown coating or corrosion layer); deteriorated or corroded due to lack of use or exposure to the elements; affected by disuse or neglect
11. ins_____ely bad with children *adv.* as a matter of nature or intuition rather than thought or training
12. Silicon Valley bil_____re *n.* a person who has a net worth of at least one billion dollars
13. ind_____us student *adj.* hardworking, diligent, and persistent in effort
14. market mo__r *n.* a person or company that specializes in moving goods or possessions from one location to another; a professional moving service or an individual who performs this task for friends, family members, or customers
15. top_____ine technology *adj.* of the highest or best quality; considered the finest or most advanced in a given category or range of products or services
16. sup_____ic wind tunnel *adj.* relating to or having a speed above the speed of sound (roughly 767 miles per hour or 1,235 kilometers per hour at sea level)
17. bi___e in the market *n.* something important or significant
18. jo_____e adventure *n.* an act of reckless or unauthorized driving for pleasure or excitement, typically in a stolen car or one belonging to someone else

ANSWERS: 10. rusty, 11. instinctively, 12. billionaire, 13. industrious, 14. mover, 15. top-of-the-line, 16. supersonic, 17. biggie, 18. joyride

29. a sp_____ip to survey the moon *n.* (especially in science fiction) a spacecraft designed to carry a crew into interstellar space
30. ar_____ry fire *n.* large-caliber guns used in warfare, typically operated by a crew and mounted on wheels or in a fixed position; any military weapons, equipment, or vehicles that are operated by a special branch or unit of the armed forces
31. st___e to death *v.* to suffer or die from lack of food; to cause someone or something to suffer or die from lack of food; to deprive something of necessary nourishment or sustenance
32. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
33. jo_____e with friends *n.* an act of reckless or unauthorized driving for pleasure or excitement, typically in a stolen car or one belonging to someone else
34. sh_____rd boy *n.* a person who tends and guards sheep, especially in a rural area
35. an ell_____al galaxies *adj.* having the shape of an oval (= a closed plane curve); using a word or expression that is ambiguous or vague, especially to mislead or avoid committing oneself
36. top_____ine amenities *adj.* of the highest or best quality; considered the finest or most advanced in a given category or range of products or services

ANSWERS: 29. spaceship, 30. artillery, 31. starve, 32. industrious, 33. joyride, 34. shepherd, 35. elliptical, 36. top-of-the-line

37. long-ex_____t volcano *adj.* no longer in existence
38. pr_____ge company *n.* respect and admiration felt or shown for someone or something based on a perception of their achievements or quality
39. national pr_____ge *n.* respect and admiration felt or shown for someone or something based on a perception of their achievements or quality
40. industrial ren_____ce *n.* a new growth in activity or enthusiasm in anything, particularly art, literature, or music
41. sheep without a sh_____rd *n.* a person who tends and guards sheep, especially in a rural area
42. a media bi____e *n.* something important or significant
43. ins_____ely grabbed the knife *adv.* as a matter of nature or intuition rather than thought or training
44. a car-wr____t *n.* a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal
45. protein sh____r *n.* a container or device used to mix or shake substances, typically used in cooking or for preparing drinks; a member of a religious sect that grew out of a Quaker revival in the United States in the 19th century
46. chicken br__h *n.* a liquid in which meat, fish, or vegetables have been cooked, used as a base for soups and stews

ANSWERS: 37. extinct, 38. prestige, 39. prestige, 40. Renaissance, 41. shepherd, 42. biggie, 43. instinctively, 44. wright, 45. shaker, 46. broth

47. coastal ar_____ry
- n.* large-caliber guns used in warfare, typically operated by a crew and mounted on wheels or in a fixed position; any military weapons, equipment, or vehicles that are operated by a special branch or unit of the armed forces
48. mu__y perfume
- adj.* having a strong, earthy smell that is often reminiscent of musk or moss
49. re_____s to childhood
- v.* to move or develop backward; to return to an earlier or less advanced state or condition; to decline or deteriorate
50. oil bil_____re
- n.* a person who has a net worth of at least one billion dollars
51. ma_____us power
- adj.* causing wonder or astonishment; excellent
52. world-sh____r
- n.* a container or device used to mix or shake substances, typically used in cooking or for preparing drinks; a member of a religious sect that grew out of a Quaker revival in the United States in the 19th century

ANSWERS: 47. artillery, 48. musky, 49. regress, 50. billionaire, 51. marvelous, 52. shaker

Session 3: Fill in the Blanks

1. She was a skilled _____ able to craft intricate pieces of furniture.
n. a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal
2. The professional _____ helped us pack and transport our furniture and belongings to our new home.
n. a person or company that specializes in moving goods or possessions from one location to another; a professional moving service or an individual who performs this task for friends, family members, or customers
3. The university has great _____ in the academic community.
n. respect and admiration felt or shown for someone or something based on a perception of their achievements or quality
4. He was known to be very _____ and would often work late into the night.
adj. hardworking, diligent, and persistent in effort
5. The _____ scent of the old book filled the air of the dusty library.
adj. having a strong, earthy smell that is often reminiscent of musk or moss
6. I always add a bit of _____ to my soup to give it more flavor.
n. a liquid in which meat, fish, or vegetables have been cooked, used as a base for soups and stews
7. Folk music is now experiencing a _____.
n. a new growth in activity or enthusiasm in anything, particularly art, literature, or music

ANSWERS: 1. wright, 2. mover, 3. prestige, 4. industrious, 5. musky, 6. broth, 7. renaissance

8. The satellite's _____ orbit made it appear to change its distance from earth.

adj. having the shape of an oval (= a closed plane curve); using a word or expression that is ambiguous or vague, especially to mislead or avoid committing oneself

9. The view from the top of the mountain was _____.

adj. causing wonder or astonishment; excellent

10. The team's failure to win games has caused them to _____ in confidence.

v. to move or develop backward; to return to an earlier or less advanced state or condition; to decline or deteriorate

11. The company prides itself on producing _____ electronics that exceed customers' expectations.

adj. of the highest or best quality; considered the finest or most advanced in a given category or range of products or services

12. The spacecraft reentered the Earth's atmosphere at _____ speeds.

adj. relating to or having a speed above the speed of sound (roughly 767 miles per hour or 1,235 kilometers per hour at sea level)

13. If you don't eat soon, you're going to _____.

v. to suffer or die from lack of food; to cause someone or something to suffer or die from lack of food; to deprive something of necessary nourishment or sustenance

14. Some researchers claim that even humans can _____ sense earthquakes.

adv. as a matter of nature or intuition rather than thought or training

ANSWERS: 8. elliptical, 9. marvelous, 10. regress, 11. top-of-the-line, 12. supersonic, 13. starve, 14. instinctively

15. Winning the lottery is a _____ for most people.

n. something important or significant

16. Two teenagers were arrested after taking a _____ in a stolen car.

n. an act of reckless or unauthorized driving for pleasure or excitement, typically in a stolen car or one belonging to someone else

17. Ancient people felt mystified by the patterns on the _____ surface.

adj. of or pertaining to the moon

18. The bartender quickly made a _____ of cocktails for the group of friends.

n. a container or device used to mix or shake substances, typically used in cooking or for preparing drinks; a member of a religious sect that grew out of a Quaker revival in the United States in the 19th century

19. The self-made _____ donated millions to charity.

n. a person who has a net worth of at least one billion dollars

20. Many species have become _____ due to habitat destruction and other human activities.

adj. no longer in existence

21. The _____ dog helped keep the sheep in line and protect them from predators.

n. a person who tends and guards sheep, especially in a rural area

22. They launched a crewless _____ into space.

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

ANSWERS: 15. biggie, 16. joyride, 17. lunar, 18. shaker, 19. billionaire, 20. extinct, 21. shepherd's, 22. spaceship

23. The army brought in heavier _____ to break through the enemy defenses.
- n.* large-caliber guns used in warfare, typically operated by a crew and mounted on wheels or in a fixed position; any military weapons, equipment, or vehicles that are operated by a special branch or unit of the armed forces
24. The hunter _____ the deer with an arrow.
- v.* to pierce with a sharp object, causing injury or death; (noun) coagulated blood from a wound
25. European powers _____ much of the Americas in the 16th and 17th centuries.
- v.* to establish a colony in or on a specific place; to settle or occupy in large numbers
26. The _____ gate creaked loudly as it opened.
- adj.* covered with rust (= a reddish-brown coating or corrosion layer); deteriorated or corroded due to lack of use or exposure to the elements; affected by disuse or neglect

ANSWERS: 23. artillery, 24. gored, 25. colonized, 26. rusty