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Vocabulary Builder Reference from...

Nagin Cox: What time is it on Mars? | TED Talk

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

Advanced Words Only

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Session 1: Word List

Martian

adj. of or relating to Mars or its imaginary inhabitants

(1) **Martian** geography, (2) **Martian** surface

There is very little water in the **Martian** atmosphere.

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.

reestablish

v. to establish again or anew; to restore something that was lost or disrupted, often relating to an organization, relationship, or system

synonym : restore, reconstitute, rehabilitate

(1) **reestablish** ties, (2) **reestablish** trust

We need to **reestablish** our relationship after our argument.

rover

n. a vehicle designed to travel over rough terrain, especially on the surface of a planet or moon

synonym : vehicle, robot, explorer

(1) **rover** mission, (2) lunar **rover**

The **rover** on Mars is gathering data on the planet's surface and sending it back to Earth.

propulsion

n. the act or process of propelling or driving something forward, often using a motor, engine, or other mechanical means

synonym : propelling, driving, actuation

(1) **propulsion** technology, (2) nuclear **propulsion**

The spacecraft's **propulsion** system helped it travel through 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.

emissary

n. a person sent on a mission or as a representative of an organization or country

synonym : envoy, ambassador, representative

(1) **emissary** of peace, (2) an **emissary** from the company

The **emissary** from the neighboring country arrived with a message of peace.

recharge

v. to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep

synonym : renew, refresh, replenish

(1) **recharge** brain and body, (2) **recharge** energy

He needed to **recharge** his phone before the meeting.

synchronize

v. to happen or cause to happen at the same time or rate

synonym : coordinate, accompany, harmonize

(1) **synchronize** movements, (2) **synchronize** our watches

The ball speed will increase when the lower body movements are perfectly **synchronized**.

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.

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.

instantaneous

adj. occurring or happening immediately or without delay; taking place in an instant or moment

synonym: immediate, prompt, rapid

(1) **instantaneous** reaction, (2) **instantaneous** message

The new software provides **instantaneous** results, making it much more efficient than the previous version.

rove

v. to move or travel aimlessly or in a wandering fashion; to roam or wander over a wide area

synonym: wander, roam, traverse

(1) **rove** the globe, (2) **rove** the countryside

We decided to **rove** around the city to explore new neighborhoods.

distract

v. to draw someone's attention away from what they are trying to do

synonym: divert, preoccupy, confuse

(1) **distract** attention from the real issue, (2) **distract** public opinion

Please don't **distract** me while I'm studying.

plaintive

adj. expressing sorrow, sadness, or melancholy; sounding or appearing mournful or pleading

synonym: mournful, sorrowful, melancholy

(1) **plaintive** sigh, (2) **plaintive** melody

Her **plaintive** cry for help echoed through the empty street.

app *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
synonym: application, software
(1) killer **app**, (2) cannot log in to the **app**
The discovery of a critical bug caused the company to delay the **app's** release.

roam *v.* to move about or travel aimlessly or without a fixed destination; to wander
synonym: wander, ramble, meander
(1) **roam** freely, (2) **roam** the countryside
I love to **roam** around the city and discover new neighborhoods.

freeway *n.* a major highway designed for high-speed traffic, with no stoplights or grade crossings and having interchanges or access roads to other highways
synonym: highway, expressway, motorway
(1) **freeway** exit, (2) expanded **freeway**
We got stuck in a traffic jam on the **freeway** for over an hour.

earthling *n.* a human being; a person who inhabits the planet Earth, often used in science fiction or in a humorous context to refer to humans in comparison to beings from other planets
synonym: human, terrestrial, inhabitant
(1) **earthling** species, (2) lonely **earthling**
The aliens visited Earth to observe the behavior of the **earthlings**.

deprivation *n.* a state of not having something, such as food or money, that you need for a pleasant life
synonym: poverty, destitution, forfeiture
(1) chronic sleep **deprivation**, (2) **deprivation** of liberty

Losing him is great **deprivation** to our team.

Session 2: Spelling

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|-----------------------------|---|
| 1. pro_____on technology | <i>n.</i> the act or process of propelling or driving something forward, often using a motor, engine, or other mechanical means |
| 2. cannot log in to the a_p | <i>n.</i> (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC |
| 3. ro__r mission | <i>n.</i> a vehicle designed to travel over rough terrain, especially on the surface of a planet or moon |
| 4. as_____ut in training | <i>n.</i> a person trained by a space agency to travel outside the Earth's atmosphere |
| 5. ree_____sh ties | <i>v.</i> to establish again or anew; to restore something that was lost or disrupted, often relating to an organization, relationship, or system |
| 6. nuclear pro_____on | <i>n.</i> the act or process of propelling or driving something forward, often using a motor, engine, or other mechanical means |
| 7. r__m freely | <i>v.</i> to move about or travel aimlessly or without a fixed destination; to wander |
| 8. di_____ct public opinion | <i>v.</i> to draw someone's attention away from what they are trying to do |
| 9. Ma_____n geography | <i>adj.</i> of or relating to Mars or its imaginary inhabitants |

ANSWERS: 1. propulsion, 2. app, 3. rover, 4. astronaut, 5. reestablish, 6. propulsion, 7. roam, 8. distract, 9. Martian

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|---|-------------|--|
| 10. as_____ut mission | <i>n.</i> | a person trained by a space agency to travel outside the Earth's atmosphere |
| 11. di_____ct attention from the real issue | <i>v.</i> | to draw someone's attention away from what they are trying to do |
| 12. lunar ro____r | <i>n.</i> | a vehicle designed to travel over rough terrain, especially on the surface of a planet or moon |
| 13. ins_____ous reaction | <i>adj.</i> | occurring or happening immediately or without delay; taking place in an instant or moment |
| 14. syn_____ze movements | <i>v.</i> | to happen or cause to happen at the same time or rate |
| 15. an em_____ry from the company | <i>n.</i> | a person sent on a mission or as a representative of an organization or country |
| 16. fr_____y exit | <i>n.</i> | a major highway designed for high-speed traffic, with no stoplights or grade crossings and having interchanges or access roads to other highways |
| 17. pl_____ve melody | <i>adj.</i> | expressing sorrow, sadness, or melancholy; sounding or appearing mournful or pleading |
| 18. dep_____on of liberty | <i>n.</i> | a state of not having something, such as food or money, that you need for a pleasant life |
| 19. re_____ge energy | <i>v.</i> | to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep |

ANSWERS: 10. astronaut, 11. distract, 12. rover, 13. instantaneous, 14. synchronize, 15. emissary, 16. freeway, 17. plaintive, 18. deprivation, 19. recharge

20. r__e the globe *v.* to move or travel aimlessly or in a wandering fashion; to roam or wander over a wide area
21. chronic sleep dep_____on *n.* a state of not having something, such as food or money, that you need for a pleasant life
22. pl_____ve sigh *adj.* expressing sorrow, sadness, or melancholy; sounding or appearing mournful or pleading
23. co_____e fantasy with reality *v.* to mistake one thing for another; to make somebody hard to understand
24. lonely ea_____ng *n.* a human being; a person who inhabits the planet Earth, often used in science fiction or in a humorous context to refer to humans in comparison to beings from other planets
25. ree_____sh trust *v.* to establish again or anew; to restore something that was lost or disrupted, often relating to an organization, relationship, or system
26. ro_____c guide operation *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
27. co_____e the listener *v.* to mistake one thing for another; to make somebody hard to understand
28. r__m the countryside *v.* to move about or travel aimlessly or without a fixed destination; to wander
29. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 20. rove, 21. deprivation, 22. plaintive, 23. confuse, 24. earthling, 25. reestablish, 26. robotic, 27. confuse, 28. roam, 29. opportune

30. Ma_____n surface *adj.* of or relating to Mars or its imaginary inhabitants
31. em_____ry of peace *n.* a person sent on a mission or as a representative of an organization or country
32. syn_____ze our watches *v.* to happen or cause to happen at the same time or rate
33. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
34. killer a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
35. ro_____c arm *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
36. r__e the countryside *v.* to move or travel aimlessly or in a wandering fashion; to roam or wander over a wide area
37. expanded fr_____y *n.* a major highway designed for high-speed traffic, with no stoplights or grade crossings and having interchanges or access roads to other highways
38. re_____ge brain and body *v.* to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep

ANSWERS: 30. Martian, 31. emissary, 32. synchronize, 33. opportune, 34. app, 35. robotic, 36. rove, 37. freeway, 38. recharge

39. ea_____ng species

n. a human being; a person who inhabits the planet Earth, often used in science fiction or in a humorous context to refer to humans in comparison to beings from other planets

40. ins_____ous message

adj. occurring or happening immediately or without delay; taking place in an instant or moment

ANSWERS: 39. earthling, 40. instantaneous

Session 3: Fill in the Blanks

1. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose
2. I love to _____ around the city and discover new neighborhoods.
v. to move about or travel aimlessly or without a fixed destination; to wander
3. The _____ from the neighboring country arrived with a message of peace.
n. a person sent on a mission or as a representative of an organization or country
4. The discovery of a critical bug caused the company to delay the _____ release.
n. (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
5. Please don't _____ me while I'm studying.
v. to draw someone's attention away from what they are trying to do
6. He needed to _____ his phone before the meeting.
v. to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep
7. We got stuck in a traffic jam on the _____ for over an hour.
n. a major highway designed for high-speed traffic, with no stoplights or grade crossings and having interchanges or access roads to other highways
8. The _____ on Mars is gathering data on the planet's surface and sending it back to Earth.
n. a vehicle designed to travel over rough terrain, especially on the surface of a planet or moon

ANSWERS: 1. opportune, 2. roam, 3. emissary, 4. app's, 5. distract, 6. recharge, 7. freeway, 8. rover

9. The aliens visited Earth to observe the behavior of the _____.
- n.* a human being; a person who inhabits the planet Earth, often used in science fiction or in a humorous context to refer to humans in comparison to beings from other planets
10. Her _____ cry for help echoed through the empty street.
- adj.* expressing sorrow, sadness, or melancholy; sounding or appearing mournful or pleading
11. Her remarks _____ the debate.
- v.* to mistake one thing for another; to make somebody hard to understand
12. The ball speed will increase when the lower body movements are perfectly _____.
- v.* to happen or cause to happen at the same time or rate
13. We decided to _____ around the city to explore new neighborhoods.
- v.* to move or travel aimlessly or in a wandering fashion; to roam or wander over a wide area
14. Losing him is great _____ to our team.
- n.* a state of not having something, such as food or money, that you need for a pleasant life
15. 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
16. There is very little water in the _____ atmosphere.
- adj.* of or relating to Mars or its imaginary inhabitants

ANSWERS: 9. earthlings, 10. plaintive, 11. confused, 12. synchronized, 13. rove, 14. deprivation, 15. astronaut, 16. Martian

17. We need to _____ our relationship after our argument.

v. to establish again or anew; to restore something that was lost or disrupted, often relating to an organization, relationship, or system

18. 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

19. The spacecraft's _____ system helped it travel through space.

n. the act or process of propelling or driving something forward, often using a motor, engine, or other mechanical means

20. The new software provides _____ results, making it much more efficient than the previous version.

adj. occurring or happening immediately or without delay; taking place in an instant or moment

ANSWERS: 17. reestablish, 18. robotic, 19. propulsion, 20. instantaneous