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Vocabulary Builder Reference from...

Víctor Demaría Pesce: Cómo un doctor de astronautas capacita al cuerpo para el espacio | TED Talk

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

Advanced Words Only

IMPORTANT

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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.

neurology

n. the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system

synonym: brain science, nervous system, neuropathology

(1) cognitive **neurology**, (2) **neurology** department

She is studying clinical **neurology** to become a brain surgeon.

symmetrical

adj. having similarity in size, shape, and relative position of corresponding parts

synonym: harmonious, balanced, proportional

(1) **symmetrical** triangle, (2) **symmetrical** pattern

This figure is **symmetrical** about the x-axis.

decalcification

n. the process of removing or reducing calcium deposits or buildup within a substance, such as bone, teeth, or pipes; the process of removing calcium ions from a tissue sample to make it easier to examine or analyze

synonym : demineralization

(1) muscle **decalcification**, (2) **decalcification** of bones

The dentist recommended fluoride treatment to prevent **decalcification** of the teeth.

circadian

adj. relating to a physiological cycle that lasts approximately 24 hours, impacting physical and behavioral changes that occur over the course of a day, such as sleep-wake cycles or fluctuations in hormones

synonym : daily, diurnal, day-to-day

(1) **circadian** clock, (2) **circadian** disruption

Having a consistent sleep schedule is important for maintaining a healthy **circadian** rhythm.

decibel

n. (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale

synonym : dB, sound level, volume

(1) **decibel** level, (2) adjust the **decibel**

The concert reached 100 **decibels**, causing many people to cover their ears.

circulate

v. to move continuously or freely around a place or closed system

synonym : flow, disperse, rotate

(1) **circulate** a rumor, (2) **circulate** an agenda before the meeting

The fan **circulates** the air in the room quickly.

lasagna

n. a type of dish consisting of layers of pasta, cheese, meat, or vegetables, typically topped with tomato sauce and baked in an oven; a traditional staple of Italian cuisine

synonym :

pasta bake, casserole, baked ziti

(1) **lasagna** recipe, (2) **lasagna** noodles

I always order spinach **lasagna** at my favorite Italian restaurant.

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.

regolith

n. the layer of loose and fragmented material covering solid rock on the surface of a celestial body, especially on the Moon or on asteroids

synonym: moon dust, soil layer, surface layer

(1) **regolith** samples, (2) layer of **regolith**

The astronauts are studying the **regolith** on the Moon's surface.

Session 2: Spelling

1. as_____ut in training
n. a person trained by a space agency to travel outside the Earth's atmosphere
2. sym_____al triangle
adj. having similarity in size, shape, and relative position of corresponding parts
3. dec_____ion of bones
n. the process of removing or reducing calcium deposits or buildup within a substance, such as bone, teeth, or pipes; the process of removing calcium ions from a tissue sample to make it easier to examine or analyze
4. ne_____gy department
n. the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
5. lu__r crater
adj. of or pertaining to the moon
6. ci_____an clock
adj. relating to a physiological cycle that lasts approximately 24 hours, impacting physical and behavioral changes that occur over the course of a day, such as sleep-wake cycles or fluctuations in hormones
7. muscle dec_____ion
n. the process of removing or reducing calcium deposits or buildup within a substance, such as bone, teeth, or pipes; the process of removing calcium ions from a tissue sample to make it easier to examine or analyze
8. la_____a noodles
n. a type of dish consisting of layers of pasta, cheese, meat, or vegetables, typically topped with tomato sauce and baked in an oven; a traditional staple of Italian cuisine

ANSWERS: 1. astronaut, 2. symmetrical, 3. decalcification, 4. neurology, 5. lunar, 6. circadian, 7. decalcification, 8. lasagna

9. cognitive ne_____gy *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
10. sym_____al pattern *adj.* having similarity in size, shape, and relative position of corresponding parts
11. layer of re_____th *n.* the layer of loose and fragmented material covering solid rock on the surface of a celestial body, especially on the Moon or on asteroids
12. ci_____te a rumor *v.* to move continuously or freely around a place or closed system
13. ci_____an disruption *adj.* relating to a physiological cycle that lasts approximately 24 hours, impacting physical and behavioral changes that occur over the course of a day, such as sleep-wake cycles or fluctuations in hormones
14. ci_____te an agenda before the meeting *v.* to move continuously or freely around a place or closed system
15. as_____ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
16. re_____th samples *n.* the layer of loose and fragmented material covering solid rock on the surface of a celestial body, especially on the Moon or on asteroids
17. de_____l level *n.* (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale

ANSWERS: 9. neurology, 10. symmetrical, 11. regolith, 12. circulate, 13. circadian, 14. circulate, 15. astronaut, 16. regolith, 17. decibel

18. adjust the de_____l

n. (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale

19. lu__r surface

adj. of or pertaining to the moon

20. la_____a recipe

n. a type of dish consisting of layers of pasta, cheese, meat, or vegetables, typically topped with tomato sauce and baked in an oven; a traditional staple of Italian cuisine

ANSWERS: 18. decibel, 19. lunar, 20. lasagna

Session 3: Fill in the Blanks

1. The concert reached 100 _____ causing many people to cover their ears.
n. (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale
2. I always order spinach _____ at my favorite Italian restaurant.
n. a type of dish consisting of layers of pasta, cheese, meat, or vegetables, typically topped with tomato sauce and baked in an oven; a traditional staple of Italian cuisine
3. The astronauts are studying the _____ on the Moon's surface.
n. the layer of loose and fragmented material covering solid rock on the surface of a celestial body, especially on the Moon or on asteroids
4. The dentist recommended fluoride treatment to prevent _____ of the teeth.
n. the process of removing or reducing calcium deposits or buildup within a substance, such as bone, teeth, or pipes; the process of removing calcium ions from a tissue sample to make it easier to examine or analyze
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. This figure is _____ about the x-axis.
adj. having similarity in size, shape, and relative position of corresponding parts
7. She is studying clinical _____ to become a brain surgeon.
n. the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system

ANSWERS: 1. decibels, 2. lasagna, 3. regolith, 4. decalcification, 5. astronaut, 6. symmetrical, 7. neurology

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

adj. of or pertaining to the moon

9. The fan _____ the air in the room quickly.

v. to move continuously or freely around a place or closed system

10. Having a consistent sleep schedule is important for maintaining a healthy _____ rhythm.

adj. relating to a physiological cycle that lasts approximately 24 hours, impacting physical and behavioral changes that occur over the course of a day, such as sleep-wake cycles or fluctuations in hormones

ANSWERS: 8. lunar, 9. circulates, 10. circadian