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Vocabulary Builder Reference from...

Jill Heinerth: The mysterious world of underwater caves | TED Talk

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

Advanced Words Only

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Session 1: Word List

diver

n. a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey

synonym: plunger, frogman, loon

(1) professional **diver**, (2) deep-sea **diver**

The search and rescue team sent a team of **divers** to search for the missing plane wreckage.

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.

lifeblood

n. a vital or essential element or substance that is necessary for survival or success

synonym: essence, vitality, sustenance

(1) the **lifeblood** of every organization, (2) the **lifeblood** of the economy

The company's reputation is its **lifeblood**.

plunge

v. to dive quickly and steeply downward; to thrust or throw into something; (noun) a steep and rapid fall

synonym: dive, drop, thrust

(1) **plunge** into the water, (2) **plunge** a dagger through his heart

The company's profits **plunged** after the recall of their new product.

sponge

n. a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning

(1) sea **sponge**, (2) metallic **sponge**

The tiny marine **sponge** has existed for more than 500 million years.

iceberg

n. a large piece of ice floating in the sea, detached from a glacier

synonym: glacier, ice mass, floe

(1) hit an **iceberg**, (2) **iceberg** melting

The ship encountered a series of **icebergs** and had to change its course.

calve

v. (of glaciology) to break off or shed smaller masses of ice; (of animal breeding) to give birth to a calf

synonym: give birth, break off, splinter

(1) **calve** from the glacier, (2) **calve** early in the morning

As global temperatures rise, more icebergs **calve** off from the polar ice caps.

predate

v. to have existed or happened earlier than something

synonym: foredate, antedate, precede

(1) **predate** A.D. 200., (2) **predate** the modern age

The idea of virtual worlds **predates** computers.

dinosaur

n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

synonym: reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil

The discovery of a new **dinosaur** species made headlines in the scientific community.

fang

n. a long, pointed tooth, typically in the upper jaw, used for biting and chewing, as in snakes and some other animals

synonym: tooth, canine, tusk

(1) **fang** mark, (2) poison **fang**

The vampire bared its **fangs** and growled.

venom

n. a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging

synonym: poison, toxin, hating

(1) the **venom** of a lizard, (2) injected **venom**

The snake's **venom** is highly toxic and can be fatal to humans.

physicist

n. a scientist who specializes in the field of physics

(1) talented **physicist**, (2) theoretical **physicist**

Einstein was an outstanding and famous **physicist** of the 20th century.

soak

v. to allow liquid to be absorbed, typically by immersing in it; to leave as a guarantee in return for money

synonym: saturate, steep, douse

(1) **soak** in a hot spring, (2) **soak** away stress

I **soaked** the shirt in the sink before washing it.

embark

v. to go on board a ship or plane; to set out on an enterprise or subject of study; to start something

synonym: enter, undertake, commence

(1) **embark** on a trip, (2) **embark** on a foolish adventure

We **embarked** on a new project.

shoreline

n. a line that separates land and sea

(1) **shoreline** erosion, (2) coral-reef **shoreline**

Flooding occurs along the city's **shoreline** due to the storm surge.

paleontology

n. the study of fossils and the history of life on Earth

synonym: fossilology, prehistoric biology

(1) vertebrate **paleontology**, (2) **paleontology** museum

My interest in **paleontology** research began when I visited a natural history museum and saw a display of fossils from the Jurassic period.

archaeology

n. the branch of anthropology that studies prehistoric people and their cultures

(1) the institute of **archaeology**, (2) prehistoric **archaeology**

She teaches **archaeology** at the local university.

inhabitant

n. a person or an animal that lives in a particular place

synonym: dweller, occupant, resident

(1) the early **inhabitants** of Europe, (2) **inhabitant** tax

His family is the oldest **inhabitant** of the island.

subterranean

adj. under the ground

synonym: underground, belowground, subsurface

(1) **subterranean** rooms, (2) **subterranean** motives for murder

Such **subterranean** passages span kilometers in London.

groundwater

n. water that is present beneath the surface of the ground, especially in soil or in pores and crevices in rock

synonym: aquifer, well water, underground water

(1) **groundwater** supply, (2) contaminated **groundwater**

The town's main source of water is natural **groundwater**.

morph

v. to change or cause to change something or someone smoothly and gradually from one thing to another

synonym:

alter, modify, transform

(1) **morph** into a different shape, (2) **morph** into something entirely different

This company **morphed** into an enterprise company.

Jovian

adj. relating to Jupiter or its characteristics

synonym: Jupiter, giant planet

(1) **Jovian** satellites, (2) **Jovian** planet

The **Jovian** moon Europa is believed to have an ocean beneath its icy surface.

Session 2: Spelling

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|------------------------------------|--|
| 1. hulking di_____ur | <i>n.</i> a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin |
| 2. the early inh_____nts of Europe | <i>n.</i> a person or an animal that lives in a particular place |
| 3. hit an ic_____g | <i>n.</i> a large piece of ice floating in the sea, detached from a glacier |
| 4. pl___e into the water | <i>v.</i> to dive quickly and steeply downward; to thrust or throw into something; (noun) a steep and rapid fall |
| 5. ca__e from the glacier | <i>v.</i> (of glaciology) to break off or shed smaller masses of ice; (of animal breeding) to give birth to a calf |
| 6. inh_____nt tax | <i>n.</i> a person or an animal that lives in a particular place |
| 7. pr_____e A.D. 200. | <i>v.</i> to have existed or happened earlier than something |
| 8. the institute of arc_____gy | <i>n.</i> the branch of anthropology that studies prehistoric people and their cultures |
| 9. the ve__m of a lizard | <i>n.</i> a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging |
| 10. s__k away stress | <i>v.</i> to allow liquid to be absorbed, typically by immersing in it; to leave as a guarantee in return for money |

ANSWERS: 1. dinosaur, 2. inhabitant, 3. iceberg, 4. plunge, 5. calve, 6. inhabitant, 7. predate, 8. archaeology, 9. venom, 10. soak

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|-----------------------------------|--|
| 11. Jo___n satellites | <i>adj.</i> relating to Jupiter or its characteristics |
| 12. coral-reef sh_____ne | <i>n.</i> a line that separates land and sea |
| 13. injected ve__m | <i>n.</i> a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging |
| 14. di_____ur fossil | <i>n.</i> a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin |
| 15. em___k on a trip | <i>v.</i> to go on board a ship or plane; to set out on an enterprise or subject of study; to start something |
| 16. theoretical ph_____st | <i>n.</i> a scientist who specializes in the field of physics |
| 17. em___k on a foolish adventure | <i>v.</i> to go on board a ship or plane; to set out on an enterprise or subject of study; to start something |
| 18. sea sp___e | <i>n.</i> a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning |
| 19. as_____ut in training | <i>n.</i> a person trained by a space agency to travel outside the Earth's atmosphere |
| 20. pr_____e the modern age | <i>v.</i> to have existed or happened earlier than something |
| 21. Jo___n planet | <i>adj.</i> relating to Jupiter or its characteristics |
| 22. vertebrate pal_____ogy | <i>n.</i> the study of fossils and the history of life on Earth |

ANSWERS: 11. Jovian, 12. shoreline, 13. venom, 14. dinosaur, 15. embark, 16. physicist, 17. embark, 18. sponge, 19. astronaut, 20. predate, 21. Jovian, 22. paleontology

23. sh_____ne erosion *n.* a line that separates land and sea
24. f__g mark *n.* a long, pointed tooth, typically in the upper jaw, used for biting and chewing, as in snakes and some other animals
25. mo__h into something entirely different *v.* to change or cause to change something or someone smoothly and gradually from one thing to another
26. poison f__g *n.* a long, pointed tooth, typically in the upper jaw, used for biting and chewing, as in snakes and some other animals
27. prehistoric arc_____gy *n.* the branch of anthropology that studies prehistoric people and their cultures
28. pl___e a dagger through his heart *v.* to dive quickly and steeply downward; to thrust or throw into something; (noun) a steep and rapid fall
29. s__k in a hot spring *v.* to allow liquid to be absorbed, typically by immersing in it; to leave as a guarantee in return for money
30. sub_____ean motives for murder *adj.* under the ground
31. metallic sp___e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
32. gro_____er supply *n.* water that is present beneath the surface of the ground, especially in soil or in pores and crevices in rock
33. deep-sea di__r *n.* a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey

ANSWERS: 23. shoreline, 24. fang, 25. morph, 26. fang, 27. archaeology, 28. plunge, 29. soak, 30. subterranean, 31. sponge, 32. groundwater, 33. diver

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|---|-------------|---|
| 34. mo__h into a different shape | <i>v.</i> | to change or cause to change something or someone smoothly and gradually from one thing to another |
| 35. professional di__r | <i>n.</i> | a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey |
| 36. sub_____ean rooms | <i>adj.</i> | under the ground |
| 37. pal_____ogy museum | <i>n.</i> | the study of fossils and the history of life on Earth |
| 38. talented ph_____st | <i>n.</i> | a scientist who specializes in the field of physics |
| 39. ic_____g melting | <i>n.</i> | a large piece of ice floating in the sea, detached from a glacier |
| 40. contaminated gro_____er | <i>n.</i> | water that is present beneath the surface of the ground, especially in soil or in pores and crevices in rock |
| 41. ca__e early in the morning | <i>v.</i> | (of glaciology) to break off or shed smaller masses of ice; (of animal breeding) to give birth to a calf |
| 42. the li_____od of every organization | <i>n.</i> | a vital or essential element or substance that is necessary for survival or success |
| 43. as_____ut mission | <i>n.</i> | a person trained by a space agency to travel outside the Earth's atmosphere |
| 44. the li_____od of the economy | <i>n.</i> | a vital or essential element or substance that is necessary for survival or success |

ANSWERS: 34. morph, 35. diver, 36. subterranean, 37. paleontology, 38. physicist, 39. iceberg, 40. groundwater, 41. calve, 42. lifeblood, 43. astronaut, 44. lifeblood

ANSWERS:

Session 3: Fill in the Blanks

1. I _____ the shirt in the sink before washing it.
v. to allow liquid to be absorbed, typically by immersing in it; to leave as a guarantee in return for money

2. Such _____ passages span kilometers in London.
adj. under the ground

3. As global temperatures rise, more icebergs _____ off from the polar ice caps.
v. (of glaciology) to break off or shed smaller masses of ice; (of animal breeding) to give birth to a calf

4. The ship encountered a series of _____ and had to change its course.
n. a large piece of ice floating in the sea, detached from a glacier

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. The company's profits _____ after the recall of their new product.
v. to dive quickly and steeply downward; to thrust or throw into something; (noun) a steep and rapid fall

7. The search and rescue team sent a team of _____ to search for the missing plane wreckage.
n. a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey

ANSWERS: 1. soaked, 2. subterranean, 3. calve, 4. icebergs, 5. astronaut, 6. plunged, 7. divers

8. The _____ moon Europa is believed to have an ocean beneath its icy surface.
adj. relating to Jupiter or its characteristics
9. We _____ on a new project.
v. to go on board a ship or plane; to set out on an enterprise or subject of study; to start something
10. She teaches _____ at the local university.
n. the branch of anthropology that studies prehistoric people and their cultures
11. The tiny marine _____ has existed for more than 500 million years.
n. a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
12. The town's main source of water is natural _____.
n. water that is present beneath the surface of the ground, especially in soil or in pores and crevices in rock
13. His family is the oldest _____ of the island.
n. a person or an animal that lives in a particular place
14. The company's reputation is its _____.
n. a vital or essential element or substance that is necessary for survival or success
15. The idea of virtual worlds _____ computers.
v. to have existed or happened earlier than something
16. Einstein was an outstanding and famous _____ of the 20th century.
n. a scientist who specializes in the field of physics

ANSWERS: 8. Jovian, 9. embarked, 10. archaeology, 11. sponge, 12. groundwater, 13. inhabitant, 14. lifeblood, 15. predates, 16. physicist

17. The discovery of a new _____ species made headlines in the scientific community.
- n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
18. The snake's _____ is highly toxic and can be fatal to humans.
- n.* a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging
19. The vampire bared its _____ and growled.
- n.* a long, pointed tooth, typically in the upper jaw, used for biting and chewing, as in snakes and some other animals
20. My interest in _____ research began when I visited a natural history museum and saw a display of fossils from the Jurassic period.
- n.* the study of fossils and the history of life on Earth
21. This company _____ into an enterprise company.
- v.* to change or cause to change something or someone smoothly and gradually from one thing to another
22. Flooding occurs along the city's _____ due to the storm surge.
- n.* a line that separates land and sea

ANSWERS: 17. dinosaur, 18. venom, 19. fangs, 20. paleontology, 21. morphed, 22. shoreline