

Englist.me



Vocabulary Builder Reference from...

Eddy Cartaya: My glacier cave discoveries | TED Talk

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

Advanced Words Only

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

limestone

n. a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite

synonym : calcareous rock, chalk

(1) sheer **limestone** cliffs, (2) **limestone** pavement

The Great Pyramid of Giza was built using blocks of **limestone**.

lava

n. molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material

synonym : molten rock, magma, volcanic rock

(1) **lava** flow, (2) molten **lava**

The volcano's eruption caused a **lava** river to flow down the mountainside.

volcano

n. a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.

synonym : mount, peak, crater

(1) **volcano** alert level, (2) active **volcano**

The island was formed by a **volcano** millions of years ago.

glacier

n. a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

synonym : iceberg, ice floe

(1) **glacier** retreat, (2) **glaciers** move tardily

The **glaciers** of the ice age have shaped Fjord.

excite

v. to make someone feel suddenly enthusiastic or eager

synonym : thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

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.

clump

n. a small group of bushes, trees, flowers, people, etc.

synonym : cluster, bunch, bundle

(1) **clump** of bacteria, (2) a **clump** of trees

I heard the **clump** of his boots in the hallway.

squish

v. to crush or press something so that it becomes flat or distorted

synonym : crush, smash, squeeze

(1) **squish** the ellipse, (2) **squish** a tomato

He **squished** the insect between his fingers to get rid of it.

bedrock

n. the solid rock underlying soil or alluvium

synonym : foundation, foundation stone, base

(1) **bedrock** foundation, (2) **bedrock** geology

The **bedrock** beneath the soil is extremely solid and stable.

waterfall

n. a point in a river or stream where water falls from a high place, for example, over a cliff or rock

synonym : cascade, falls, rapids

(1) scenic **waterfall**, (2) a **waterfall** with a fall of ten feet

Years of river erosion have formed the uniquely shaped **waterfall** basin.

stumble

v. to miss a step and fall or nearly fall; to walk unsteadily
synonym: bumble, struggle, misstep

(1) **stumble** financially, (2) **stumble** through life
She **stumbled** over the tree root.

rappel

v. to descend a steep slope or vertical surface using a rope and a sliding device; to perform a controlled descent using such a device; (noun) the act of descending a cliff or other vertical drop by a double rope coiled around the body and fixed at a higher point

synonym: abseil, descend, rope down

(1) **rappel** down a cliff, (2) **rappel** from a helicopter

The thrill-seekers decided to **rappel** down the sides of mountains.

crevasse

n. a deep crack or fissure, especially in a glacier or the Earth's surface, often caused by stress or movement; a dangerous and treacherous gap or opening

synonym: crevice, fissure, gap

(1) fall into a **crevasse**, (2) dangerous **crevasse**

The mountaineer carefully crossed the glacier **crevasse** to continue climbing the icy peak.

inclination

n. a tendency or disposition to think, feel, or act in a certain way; a preference or bias; a degree of sloping

synonym: tendency, preference, angle

(1) consumer's **inclination** to spend, (2) the **inclination** of a slope

She had an **inclination** towards the arts.

trigonometry

n. a branch of mathematics that deals with the relationships and properties of triangles, including the angles and sides, as well as the calculations and measurements involving trigonometric functions such as

sine, cosine, and tangent

synonym : math, geometry, calculation

(1) **trigonometry** principles, (2) solve **trigonometry** problems

In computer graphics, **trigonometry** functions are often used to calculate angles and distances between points.

glowing

adj. highly enthusiastic; greatly praised

synonym : burning, bright, flaming

(1) **glowing** reviews, (2) **glowing** cheeks

The western sky was **glowing** pink.

extremophile

n. a type of organism, typically a microbe, that can survive and thrive in extreme or harsh environments that would be inhospitable to most other forms of life, such as high heat, acidity, radiation, or pressure

(1) **extremophile** adaptations, (2) **extremophile** habitat

Extremophile bacteria can survive in extreme heat, cold, and radiation.

icecap

n. a mass of ice that permanently covers a considerable area of land, typically found in polar regions

synonym : glacier, ice sheet

(1) the shrinking **icecaps** in the Arctic, (2) receding **icecap**

The melting **icecaps** are a clear indication of climate change.

bury

v. to place a dead body in the ground, grave, or tomb

synonym : entomb, sink, forget

(1) **bury** in the earth, (2) **bury** emotion

There is plenty of space to **bury** everyone.

artifact

n. a person-made object, especially one of historical or cultural interest

synonym : antique, relic, heirloom

(1) paleolithic **artifacts**, (2) Peruvian **artifacts**

The museum has a vast collection of Greek **artifacts**.

fir

n. a type of tall evergreen tree that is native to the northern hemisphere, with needle-like leaves and cones that stand upright on the branches

synonym : pine, spruce, cedar

(1) **fir** branch, (2) **fir** forest

The smell of fresh **fir** trees filled the air at the Christmas tree farm.

sprout

v. to grow or develop new parts typically leaves or shoots, from a plant; to emerge, develop, or arise gradually or suddenly

synonym : germinate, grow, bud

(1) **sprout** seeds, (2) **sprout** wings

The flowers in the garden began to **sprout** after the first rain of the season.

mallard

n. a common species of duck found in various parts of the world

synonym : drake, wild duck

(1) female **mallard**, (2) **mallard** breeding season

We spotted a beautiful **mallard** swimming in the pond at the park.

Session 2: Spelling

- | | |
|---------------------------|--|
| 1. as_____ut in training | <i>n.</i> a person trained by a space agency to travel outside the Earth's atmosphere |
| 2. receding ic___p | <i>n.</i> a mass of ice that permanently covers a considerable area of land, typically found in polar regions |
| 3. sq___h the ellipse | <i>v.</i> to crush or press something so that it becomes flat or distorted |
| 4. paleolithic ar_____cts | <i>n.</i> a person-made object, especially one of historical or cultural interest |
| 5. ext_____ile habitat | <i>n.</i> a type of organism, typically a microbe, that can survive and thrive in extreme or harsh environments that would be inhospitable to most other forms of life, such as high heat, acidity, radiation, or pressure |
| 6. f_r forest | <i>n.</i> a type of tall evergreen tree that is native to the northern hemisphere, with needle-like leaves and cones that stand upright on the branches |
| 7. a cl___p of trees | <i>n.</i> a small group of bushes, trees, flowers, people, etc. |
| 8. molten l__a | <i>n.</i> molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material |
| 9. fall into a cr_____se | <i>n.</i> a deep crack or fissure, especially in a glacier or the Earth's surface, often caused by stress or movement; a dangerous and treacherous gap or opening |

ANSWERS: 1. astronaut, 2. icecap, 3. squish, 4. artifact, 5. extremophile, 6. fir, 7. clump, 8. lava, 9. crevasse

10. l__a flow *n.* molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material
11. scenic wa_____ll *n.* a point in a river or stream where water falls from a high place, for example, over a cliff or rock
12. the shrinking ic___ps in the Arctic *n.* a mass of ice that permanently covers a considerable area of land, typically found in polar regions
13. sq___h a tomato *v.* to crush or press something so that it becomes flat or distorted
14. gl_____g cheeks *adj.* highly enthusiastic; greatly praised
15. tri_____try principles *n.* a branch of mathematics that deals with the relationships and properties of triangles, including the angles and sides, as well as the calculations and measurements involving trigonometric functions such as sine, cosine, and tangent
16. be_____k foundation *n.* the solid rock underlying soil or alluvium
17. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
18. li_____ne pavement *n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
19. gl_____rs move tardily *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

ANSWERS: 10. lava, 11. waterfall, 12. icecap, 13. squish, 14. glowing, 15. trigonometry, 16. bedrock, 17. excite, 18. limestone, 19. glacier

20. b__y in the earth *v.* to place a dead body in the ground, grave, or tomb
21. gl____r retreat *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
22. ra___l down a cliff *v.* to descend a steep slope or vertical surface using a rope and a sliding device; to perform a controlled descent using such a device; (*n.*) the act of descending a cliff or other vertical drop by a double rope coiled around the body and fixed at a higher point
23. vo____o alert level *n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.
24. cl__p of bacteria *n.* a small group of bushes, trees, flowers, people, etc.
25. the inc_____on of a slope *n.* a tendency or disposition to think, feel, or act in a certain way; a preference or bias; a degree of sloping
26. Peruvian ar____cts *n.* a person-made object, especially one of historical or cultural interest
27. st____e financially *v.* to miss a step and fall or nearly fall; to walk unsteadily
28. a wa_____ll with a fall of ten feet *n.* a point in a river or stream where water falls from a high place, for example, over a cliff or rock

ANSWERS: 20. bury, 21. glacier, 22. rappel, 23. volcano, 24. clump, 25. inclination, 26. artifact, 27. stumble, 28. waterfall

29. ma____d breeding season *n.* a common species of duck found in various parts of the world
30. female ma____d *n.* a common species of duck found in various parts of the world
31. dangerous cr____se *n.* a deep crack or fissure, especially in a glacier or the Earth's surface, often caused by stress or movement; a dangerous and treacherous gap or opening
32. solve tri____try problems *n.* a branch of mathematics that deals with the relationships and properties of triangles, including the angles and sides, as well as the calculations and measurements involving trigonometric functions such as sine, cosine, and tangent
33. active vo____o *n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.
34. sp____t seeds *v.* to grow or develop new parts typically leaves or shoots, from a plant; to emerge, develop, or arise gradually or suddenly
35. b__y emotion *v.* to place a dead body in the ground, grave, or tomb
36. ext____ile adaptations *n.* a type of organism, typically a microbe, that can survive and thrive in extreme or harsh environments that would be inhospitable to most other forms of life, such as high heat, acidity, radiation, or pressure

ANSWERS: 29. mallard, 30. mallard, 31. crevasse, 32. trigonometry, 33. volcano, 34. sprout, 35. bury, 36. extremophile

37. gl____g reviews *adj.* highly enthusiastic; greatly praised
38. sp____t wings *v.* to grow or develop new parts typically leaves or shoots, from a plant; to emerge, develop, or arise gradually or suddenly
39. ex____e rebellion *v.* to make someone feel suddenly enthusiastic or eager
40. f_r branch *n.* a type of tall evergreen tree that is native to the northern hemisphere, with needle-like leaves and cones that stand upright on the branches
41. sheer li_____ne cliffs *n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
42. consumer's inc_____on to spend *n.* a tendency or disposition to think, feel, or act in a certain way; a preference or bias; a degree of sloping
43. as_____ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
44. ra____l from a helicopter *v.* to descend a steep slope or vertical surface using a rope and a sliding device; to perform a controlled descent using such a device; (noun) the act of descending a cliff or other vertical drop by a double rope coiled around the body and fixed at a higher point
45. st_____e through life *v.* to miss a step and fall or nearly fall; to walk unsteadily
46. be____k geology *n.* the solid rock underlying soil or alluvium

ANSWERS: 37. glowing, 38. sprout, 39. excite, 40. fir, 41. limestone, 42. inclination, 43. astronaut, 44. rappel, 45. stumble, 46. bedrock

ANSWERS:

Session 3: Fill in the Blanks

1. The smell of fresh ____ trees filled the air at the Christmas tree farm.
 - n.* a type of tall evergreen tree that is native to the northern hemisphere, with needle-like leaves and cones that stand upright on the branches

2. He _____ the insect between his fingers to get rid of it.
 - v.* to crush or press something so that it becomes flat or distorted

3. There is plenty of space to ____ everyone.
 - v.* to place a dead body in the ground, grave, or tomb

4. The mountaineer carefully crossed the glacier _____ to continue climbing the icy peak.
 - n.* a deep crack or fissure, especially in a glacier or the Earth's surface, often caused by stress or movement; a dangerous and treacherous gap or opening

5. The melting _____ are a clear indication of climate change.
 - n.* a mass of ice that permanently covers a considerable area of land, typically found in polar regions

6. The island was formed by a _____ millions of years ago.
 - n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.

7. She _____ over the tree root.
 - v.* to miss a step and fall or nearly fall; to walk unsteadily

ANSWERS: 1. fir, 2. squished, 3. bury, 4. crevasse, 5. icecaps, 6. volcano, 7. stumbled

8. We spotted a beautiful _____ swimming in the pond at the park.
n. a common species of duck found in various parts of the world
9. _____ bacteria can survive in extreme heat, cold, and radiation.
n. a type of organism, typically a microbe, that can survive and thrive in extreme or harsh environments that would be inhospitable to most other forms of life, such as high heat, acidity, radiation, or pressure
10. I heard the _____ of his boots in the hallway.
n. a small group of bushes, trees, flowers, people, etc.
11. The museum has a vast collection of Greek _____.
n. a person-made object, especially one of historical or cultural interest
12. The flowers in the garden began to _____ after the first rain of the season.
v. to grow or develop new parts typically leaves or shoots, from a plant; to emerge, develop, or arise gradually or suddenly
13. The _____ of the ice age have shaped Fjord.
n. a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
14. In computer graphics, _____ functions are often used to calculate angles and distances between points.
n. a branch of mathematics that deals with the relationships and properties of triangles, including the angles and sides, as well as the calculations and measurements involving trigonometric functions such as sine, cosine, and tangent
15. The _____ beneath the soil is extremely solid and stable.
n. the solid rock underlying soil or alluvium

ANSWERS: 8. mallard, 9. Extremophile, 10. clump, 11. artifacts, 12. sprout, 13. glaciers, 14. trigonometry, 15. bedrock

16. The western sky was _____ pink.

adj. highly enthusiastic; greatly praised

17. The volcano's eruption caused a _____ river to flow down the mountainside.

n. molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material

18. 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

19. The Great Pyramid of Giza was built using blocks of _____.

n. a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite

20. The news of her promotion _____ her.

v. to make someone feel suddenly enthusiastic or eager

21. She had an _____ towards the arts.

n. a tendency or disposition to think, feel, or act in a certain way; a preference or bias; a degree of sloping

22. Years of river erosion have formed the uniquely shaped _____ basin.

n. a point in a river or stream where water falls from a high place, for example, over a cliff or rock

23. The thrill-seekers decided to _____ down the sides of mountains.

v. to descend a steep slope or vertical surface using a rope and a sliding device; to perform a controlled descent using such a device; (noun) the act of descending a cliff or other vertical drop by a double rope coiled around the body and fixed at a higher point

ANSWERS: 16. glowing, 17. lava, 18. astronaut, 19. limestone, 20. excited, 21. inclination, 22. waterfall, 23. rappel

ANSWERS: