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Vocabulary Builder Reference from...

Lina Marieth Hoyos: What is the coldest thing in the world? | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

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.

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.

inject

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym : shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

perpendicular

adj. forming, situated at, or being at a right angle to a given line or plane; upright or vertical; at right angles to the horizon

synonym : vertical, upright, standing

(1) **perpendicular** angles, (2) **perpendicular** walls
The two lines were perfectly **perpendicular** to each other.

intercept

v. to stop and catch someone or something to prevent them from continuing to a destination

synonym: ambush, block, prevent

(1) **intercept** an enemy force, (2) **intercept** X rays

It is illegal to **intercept** police radio.

intersect

v. to meet or cross one another

synonym: cross, bisect, cut

(1) **intersect** at a point, (2) railways **intersect** the country

Her multidisciplinary works **intersect** music and picture with writing.

sluggish

adj. lacking energy, vitality, or motivation; slow or inactive in response, movement, or progress

synonym: lethargic, slow, inactive

(1) **sluggish** economy, (2) **sluggish** response

After a long day at work, I feel **sluggish** and lack energy.

molasses

n. a thick, dark syrup made from boiled sugar cane or sugar beet juice, often used as a sweetener in cooking and baking

synonym: treacle, syrup, honey

(1) **molasses** cookies, (2) thick **molasses**

The recipe calls for a tablespoon of **molasses** to add sweetness.

Kelvin

n. a unit of measurement for temperature in the International System of Units (SI), which starts at absolute zero, the theoretical lowest limit of temperature, and named after the British physicist William Thomson, also known as Lord Kelvin

synonym: K, degree

(1) **Kelvin** scale, (2) **Kelvin** measurement

The scientist cooled the sample to just a couple of **Kelvin** to

observe quantum effects.

improvisation

n. the act of making something up on the spot or creating or performing something without preparation

synonym: spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

fluctuation

n. a change, or the process of changing, that frequently happens, especially from one extreme to another; the quality of being unsteady and subject to changes

synonym: change, instability, flux

(1) price **fluctuations**, (2) **fluctuation** of water level

Temperature **fluctuations** are often milder in oceanfront areas.

secondly

adv. used to introduce the second point or item in a list or series of statements, considerations, etc.

synonym: in the second place, next, subsequently

(1) **secondly** connected, (2) **secondly**, it is important

Firstly, we will discuss the budget; **secondly**, we will go over the schedule.

gravitational

adj. relating to or caused by gravity (= the force that attracts objects towards one another)

synonym: weighty, heavy, earthbound

(1) **gravitational** energy, (2) **gravitational** waves

The **gravitational** force of the black hole was so strong that nothing, not even light, could escape.

drown

v. to die or cause to die by being unable to breathe underwater

synonym: douse, drench, overwhelm

(1) **drown** in a bath, (2) I was **drowned** in work

Floods have the potential to **drown** any subsurface animals

easily.

centimeter

n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

(1) **centimeter** measurement, (2) thirty **centimeters** tall

The room was only one **centimeter** wider than the piano, making it a tight fit.

condensation

n. the process by which water vapor in the air turns into a liquid when it comes into contact with a surface that is cooler than the air; the act of making something more concise or shorter

synonym: vaporization, evaporation, precipitation

(1) **condensation** nuclei, (2) **condensation** of ideas

The **condensation** on the window was a clear sign of the high humidity.

unravel

v. undo twisted, knitted, or woven threads by separating it

synonym: separate, unknot, ravel

(1) **unravel** a knit, (2) **unravel** a plot

Detectives are still attempting to **unravel** the mystery of his death.

Session 2: Spelling

1. thick mo____es
n. a thick, dark syrup made from boiled sugar cane or sugar beet juice, often used as a sweetener in cooking and baking
2. imp_____ion on stage
n. the act of making something up on the spot or creating or performing something without preparation
3. in_____ct at a point
v. to meet or cross one another
4. per_____lar angles
adj. forming, situated at, or being at a right angle to a given line or plane; upright or vertical; at right angles to the horizon
5. se_____ly, it is important
adv. used to introduce the second point or item in a list or series of statements, considerations, etc.
6. sl_____sh economy
adj. lacking energy, vitality, or motivation; slow or inactive in response, movement, or progress
7. jazz imp_____ion
n. the act of making something up on the spot or creating or performing something without preparation
8. se_____ly connected
adv. used to introduce the second point or item in a list or series of statements, considerations, etc.
9. con_____ion nuclei
n. the process by which water vapor in the air turns into a liquid when it comes into contact with a surface that is cooler than the air; the act of making something more concise or shorter

ANSWERS: 1. molasses, 2. improvisation, 3. intersect, 4. perpendicular, 5. secondly, 6. sluggish, 7. improvisation, 8. secondly, 9. condensation

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|---|----|---|
| 10. dr__n in a bath | v. | to die or cause to die by being unable to breathe underwater |
| 11. gl____r retreat | n. | a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole |
| 12. in____pt X rays | v. | to stop and catch someone or something to prevent them from continuing to a destination |
| 13. I was dr__ned in work | v. | to die or cause to die by being unable to breathe underwater |
| 14. un____l a plot | v. | undo twisted, knitted, or woven threads by separating it |
| 15. railways in____ct the country | v. | to meet or cross one another |
| 16. mo____es cookies | n. | a thick, dark syrup made from boiled sugar cane or sugar beet juice, often used as a sweetener in cooking and baking |
| 17. flu_____on of water level | n. | a change, or the process of changing, that frequently happens, especially from one extreme to another; the quality of being unsteady and subject to changes |
| 18. in___t under the skin | v. | to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube) |
| 19. in___t a personal opinion into a debate | v. | to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube) |

ANSWERS: 10. drown, 11. glacier, 12. intercept, 13. drown, 14. unravel, 15. intersect, 16. molasses, 17. fluctuation, 18. inject, 19. inject

20. sl____sh response *adj.* lacking energy, vitality, or motivation; slow or inactive in response, movement, or progress
21. cen_____er measurement *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
22. Ke____n scale *n.* a unit of measurement for temperature in the International System of Units (SI), which starts at absolute zero, the theoretical lowest limit of temperature, and named after the British physicist William Thomson, also known as Lord Kelvin
23. un_____l a knit *v.* undo twisted, knitted, or woven threads by separating it
24. gra_____nal energy *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
25. per_____lar walls *adj.* forming, situated at, or being at a right angle to a given line or plane; upright or vertical; at right angles to the horizon
26. b__y in the earth *v.* to place a dead body in the ground, grave, or tomb
27. in_____pt an enemy force *v.* to stop and catch someone or something to prevent them from continuing to a destination
28. 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: 20. sluggish, 21. centimeter, 22. Kelvin, 23. unravel, 24. gravitational, 25. perpendicular, 26. bury, 27. intercept, 28. glacier

29. thirty cen_____ers tall *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
30. gra_____nal waves *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
31. b__y emotion *v.* to place a dead body in the ground, grave, or tomb
32. price flu_____ons *n.* a change, or the process of changing, that frequently happens, especially from one extreme to another; the quality of being unsteady and subject to changes
33. con_____ion of ideas *n.* the process by which water vapor in the air turns into a liquid when it comes into contact with a surface that is cooler than the air; the act of making something more concise or shorter
34. Ke___n measurement *n.* a unit of measurement for temperature in the International System of Units (SI), which starts at absolute zero, the theoretical lowest limit of temperature, and named after the British physicist William Thomson, also known as Lord Kelvin

ANSWERS: 29. centimeter, 30. gravitational, 31. bury, 32. fluctuation, 33. condensation, 34. Kelvin

Session 3: Fill in the Blanks

1. He created a beautiful piece of music using only _____.
n. the act of making something up on the spot or creating or performing something without preparation

2. 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

3. It is illegal to _____ police radio.
v. to stop and catch someone or something to prevent them from continuing to a destination

4. Floods have the potential to _____ any subsurface animals easily.
v. to die or cause to die by being unable to breathe underwater

5. Let's try to _____ a bit of enthusiasm into your performance.
v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

6. The _____ on the window was a clear sign of the high humidity.
n. the process by which water vapor in the air turns into a liquid when it comes into contact with a surface that is cooler than the air; the act of making something more concise or shorter

7. The two lines were perfectly _____ to each other.
adj. forming, situated at, or being at a right angle to a given line or plane; upright or vertical; at right angles to the horizon

ANSWERS: 1. improvisation, 2. glaciers, 3. intercept, 4. drown, 5. inject, 6. condensation, 7. perpendicular

8. The _____ force of the black hole was so strong that nothing, not even light, could escape.
adj. relating to or caused by gravity (= the force that attracts objects towards one another)
9. The scientist cooled the sample to just a couple of _____ to observe quantum effects.
n. a unit of measurement for temperature in the International System of Units (SI), which starts at absolute zero, the theoretical lowest limit of temperature, and named after the British physicist William Thomson, also known as Lord Kelvin
10. After a long day at work, I feel _____ and lack energy.
adj. lacking energy, vitality, or motivation; slow or inactive in response, movement, or progress
11. The room was only one _____ wider than the piano, making it a tight fit.
n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
12. Temperature _____ are often milder in oceanfront areas.
n. a change, or the process of changing, that frequently happens, especially from one extreme to another; the quality of being unsteady and subject to changes
13. Firstly, we will discuss the budget; _____ we will go over the schedule.
adv. used to introduce the second point or item in a list or series of statements, considerations, etc.
14. There is plenty of space to _____ everyone.
v. to place a dead body in the ground, grave, or tomb

ANSWERS: 8. gravitational, 9. Kelvin, 10. sluggish, 11. centimeter, 12. fluctuations, 13. secondly, 14. bury

15. Her multidisciplinary works _____ music and picture with writing.

v. to meet or cross one another

16. The recipe calls for a tablespoon of _____ to add sweetness.

n. a thick, dark syrup made from boiled sugar cane or sugar beet juice, often used as a sweetener in cooking and baking

17. Detectives are still attempting to _____ the mystery of his death.

v. undo twisted, knitted, or woven threads by separating it

ANSWERS: 15. intersect, 16. molasses, 17. unravel