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Vocabulary Builder Reference from...

Gavin McCormick: *Tracking the whole world's carbon emissions -- with satellites and AI | TED Talk*

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

swirl

v. to move in a circular or spiral pattern

synonym: spin, whirl, turn

(1) **swirl** the wine, (2) **swirl** up dirt and dust

The chef expertly **swirled** the sauce onto the plate.

boggle

v. to be overwhelmed or surprised by something; to hesitate or be uncertain about something; to cause someone to feel overwhelmed or surprised

synonym: hesitate, stagger, bewilder

(1) **boggle** the imagination, (2) **boggle** at the price

The complexity of the situation can **boggle** the mind.

pollute

v. to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

synonym: contaminate, corrupt, degrade

(1) **pollute** the air, (2) **pollute** the thread

We should do our best not to **pollute** the environment.

polluted

adj. contaminated with harmful or poisonous substances

synonym: contaminated, poisoned, unclean

(1) **polluted** air, (2) cadmium- **polluted** area

The river was **polluted** with chemicals, causing harm to the wildlife.

stopgap

n. something intended for temporary use while you are looking for something more suitable

synonym : impromptu, make-do, expedient

(1) a **stopgap** budget, (2) **stopgap** remedy

He had no choice but to adopt a **stopgap** measure because of his limited budget.

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym : give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

downwind

adv. in the direction that the wind is blowing, particularly about the adverse effects that the wind may carry

synonym : downstream, windward, leeward

(1) sweep away **downwind**, (2) move **downwind**

The smoke from the fire was blowing **downwind** towards the nearby town.

ripple

n. a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind

synonym : wave, undulation, fluctuation

(1) a **ripple** of laughter, (2) **ripple** in the water

Many businesses felt the **ripple** effect of the economy's decline.

gore

v. to pierce with a sharp object, causing injury or death; (noun) coagulated blood from a wound

synonym : pierce, stab, puncture

(1) **gore** him with a weapon, (2) **gore** scene

The hunter **gored** the deer with an arrow.

meme

n. a cultural idea, value, or pattern of behavior that is passed from one generation to another by imitation rather than genetic means; (as an Internet meme) an image, a video, a piece of text, etc. that is remixed, copied, and circulated in a shared cultural experience online

synonym: buzzword, trend

(1) pronounce **meme**, (2) religious **meme**

This cute dog's photo spread around the world as an Internet **meme**.

prioritize

v. to assign a higher level of importance to something compared to other things

synonym: rank, order, arrange

(1) **prioritize** tasks, (2) **prioritize** people over cars

The organization **prioritized** the needs of the community in its decision-making.

electrify

v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

synonym: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

imperfectly

adv. in a faulty or incomplete way

synonym: amiss, insufficiently, clumsily

(1) **imperfectly** developed, (2) **imperfectly** known disease

He created an **imperfectly** shaped torso.

industrious

adj. hardworking, diligent, and persistent in effort

synonym: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

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.

Session 2: Spelling

1. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
2. move do_____nd *adv.* in the direction that the wind is blowing, particularly about the adverse effects that the wind may carry
3. g__e scene *v.* to pierce with a sharp object, causing injury or death; (noun) coagulated blood from a wound
4. pri_____ze tasks *v.* to assign a higher level of importance to something compared to other things
5. a ri___e of laughter *n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind
6. el_____fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
7. g__e him with a weapon *v.* to pierce with a sharp object, causing injury or death; (noun) coagulated blood from a wound
8. po_____e the thread *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
9. pronounce m___e *n.* a cultural idea, value, or pattern of behavior that is passed from one generation to another by imitation rather than genetic means; (as an Internet meme) an image, a video, a piece of text, etc. that is remixed, copied, and circulated in a shared cultural experience online

ANSWERS: 1. industrious, 2. downwind, 3. gore, 4. prioritize, 5. ripple, 6. electrify, 7. gore, 8. pollute, 9. meme

10. e__t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
11. bo___e the imagination *v.* to be overwhelmed or surprised by something; to hesitate or be uncertain about something; to cause someone to feel overwhelmed or surprised
12. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
13. po_____ed air *adj.* contaminated with harmful or poisonous substances
14. a st_____p budget *n.* something intended for temporary use while you are looking for something more suitable
15. bo___e at the price *v.* to be overwhelmed or surprised by something; to hesitate or be uncertain about something; to cause someone to feel overwhelmed or surprised
16. religious m__e *n.* a cultural idea, value, or pattern of behavior that is passed from one generation to another by imitation rather than genetic means; (as an Internet meme) an image, a video, a piece of text, etc. that is remixed, copied, and circulated in a shared cultural experience online
17. po_____e the air *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
18. ind_____us student *adj.* hardworking, diligent, and persistent in effort

ANSWERS: 10. emit, 11. boggle, 12. emit, 13. polluted, 14. stopgap, 15. boggle, 16. meme, 17. pollute, 18. industrious

19. sweep away do_____nd *adv.* in the direction that the wind is blowing, particularly about the adverse effects that the wind may carry
20. ri___e in the water *n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind
21. el_____fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
22. imp_____ly known disease *adv.* in a faulty or incomplete way
23. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
24. cadmium-po_____ed area *adj.* contaminated with harmful or poisonous substances
25. sw__l the wine *v.* to move in a circular or spiral pattern
26. ex___e rebellion *v.* to make someone feel suddenly enthusiastic or eager
27. st_____p remedy *n.* something intended for temporary use while you are looking for something more suitable
28. sw__l up dirt and dust *v.* to move in a circular or spiral pattern
29. pri_____ze people over cars *v.* to assign a higher level of importance to something compared to other things
30. imp_____ly developed *adv.* in a faulty or incomplete way

ANSWERS: 19. downwind, 20. ripple, 21. electrify, 22. imperfectly, 23. excite, 24. polluted, 25. swirl, 26. excite, 27. stopgap, 28. swirl, 29. prioritize, 30. imperfectly

Session 3: Fill in the Blanks

1. He had no choice but to adopt a _____ measure because of his limited budget.
 - n.* something intended for temporary use while you are looking for something more suitable

2. He created an _____ shaped torso.
 - adv.* in a faulty or incomplete way

3. We should do our best not to _____ the environment.
 - v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

4. The smoke from the fire was blowing _____ towards the nearby town.
 - adv.* in the direction that the wind is blowing, particularly about the adverse effects that the wind may carry

5. The news of her promotion _____ her.
 - v.* to make someone feel suddenly enthusiastic or eager

6. The complexity of the situation can _____ the mind.
 - v.* to be overwhelmed or surprised by something; to hesitate or be uncertain about something; to cause someone to feel overwhelmed or surprised

7. The river was _____ with chemicals, causing harm to the wildlife.
 - adj.* contaminated with harmful or poisonous substances

8. He was known to be very _____ and would often work late into the night.
 - adj.* hardworking, diligent, and persistent in effort

ANSWERS: 1. stopgap, 2. imperfectly, 3. pollute, 4. downwind, 5. excited, 6. boggle, 7. polluted, 8. industrious

9. Many businesses felt the _____ effect of the economy's decline.
- n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind
10. This cute dog's photo spread around the world as an Internet _____.
- n.* a cultural idea, value, or pattern of behavior that is passed from one generation to another by imitation rather than genetic means; (as an Internet meme) an image, a video, a piece of text, etc. that is remixed, copied, and circulated in a shared cultural experience online
11. The hunter _____ the deer with an arrow.
- v.* to pierce with a sharp object, causing injury or death; (noun) coagulated blood from a wound
12. During the unloading, the container box _____ a clicking sound.
- v.* to give off or send out something such as light, heat, sound, gas, etc.
13. The chef expertly _____ the sauce onto the plate.
- v.* to move in a circular or spiral pattern
14. The organization _____ the needs of the community in its decision-making.
- v.* to assign a higher level of importance to something compared to other things
15. The product developed through years of research continues to _____ the market.
- v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 9. ripple, 10. meme, 11. gored, 12. emits, 13. swirled, 14. prioritized, 15. electrify