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Vocabulary Builder Reference from...

Susan Graham: A new way to restore Earth's biodiversity -- from the air | TED Talk
https://www.ted.com/talks/susan_graham_a_new_way_to_restore_earth_s_biodiversity_from_the_air

Advanced Words Only

IMPORTANT

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Session 1: Word List

hectare

n.   a unit of area equal to 10,000 square meters

(1) **hectare** land,   (2) housing per **hectare**

The farm spans over 100 **hectares** of land.

degrade

v.   to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

synonym: demean, disgrace, impair

(1) **degrade** his public image,   (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

facsimile

n.   an exact copy or replica of a document, artwork, or other objects, often produced through photographic or digital means

synonym: copy, reproduction, replica

(1) **facsimile** machine,   (2) **facsimile** signature

I received a **facsimile** of the contract in my email to sign it digitally.

drone

n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

synonym : hum, whirr, idler

(1) **drone** flight,   (2) the speaker's **drone**

He heard a **drone** of sirens roar from the neighboring town.

machine-learning

n. the process through which computers change the way they perform jobs without following explicit instructions by using algorithms and statistical models to analyze and draw inferences from patterns in data

(1) **machine-learning** method,   (2) **machine-learning** processor

Many software engineers are developing applications to build **machine-learning** algorithms more quickly.

decimate

v. to destroy a significant portion of something or reduce by ten percent; to cause extensive destruction or severe damage; to drastically reduce in size or number

synonym : devastate, destroy, annihilate

(1) **decimate** population,   (2) **decimate** economy

The hurricane **decimated** the small town, leaving behind destruction and devastation.

catastrophic

adj. extremely harmful; causing physical or financial destruction

synonym : fatal, disastrous, destructive

(1) victim of **catastrophic** injuries,   (2) **catastrophic** climate change

The extinction rate of aquatic animals was **catastrophic**.

bushfire

n. a large outdoor fire that burns out of control, typically in a wildland area, and is often caused by drought, heat, lightning, or human activities

synonym : wildfire, forest fire

(1) **bushfire** season,   (2) **bushfire** emergency

The hot and dry weather conditions are making it difficult to

fight the **bushfire**.

diminish

v.   to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.

synonym : decline, dwindle, lessen

(1) **diminish** a reputation,   (2) **diminish** swelling

As people get old, their energies may **diminish**.

koala

n.   a small, tree-dwelling marsupial native to Australia with thick, grayish fur, large furry ears, and no tail, which feeds almost exclusively on eucalyptus leaves

(1) **koala** sanctuary,   (2) injured **koala**

The population of **koalas** has declined due to habitat loss, disease, and climate change.

recreate

v.   to make something that existed previously happen or appear to exist again

synonym : renovate, vivify, revive

(1) **recreate** a single country,   (2) **recreate** the feeling of the 1920s

She **recreated** the atmosphere of the pre-war age with her stage setting.

birthplace

n.   the house, town, etc., where someone was born

synonym : hometown, native place, origin

(1) ancestral **birthplaces**,   (2) **birthplace** of modern soccer

The **birthplace** of civilization is a topic of much debate among historians.

eradicate

v.   to get rid of or destroy something completely, especially something bad

synonym : destroy, eliminate, exterminate

(1) **eradicate** the deficit,   (2) **eradicate** racial discrimination

We are trying to **eradicate** this disease from the world.

undesirable

adj.   not wanted or looked upon favorably; unwanted or unpleasant in nature, character, or appearance

synonym : objectionable, distasteful, unwanted

(1) **undesirable** outcome,   (2) **undesirable** behavior

The smell of the garbage was very **undesirable**.

endemic   *adj.* (of a disease or other problem) regularly found among particular people or in a certain area

synonym : prevalent, widespread, native

(1) **endemic** disease,   (2) cholera- **endemic** area

Malaria is **endemic** in many tropical countries.

Session 2: Spelling

1. er_____te racial discrimination

   v. to get rid of or destroy something completely, especially something bad

2. dr__e flight

   n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

3. fa_____le machine

   n. an exact copy or replica of a document, artwork, or other objects, often produced through photographic or digital means

4. mac_____ing method

   n. the process through which computers change the way they perform jobs without following explicit instructions by using algorithms and statistical models to analyze and draw inferences from patterns in data

5. fa_____le signature

   n. an exact copy or replica of a document, artwork, or other objects, often produced through photographic or digital means

6. cat_____hic climate change

   adj. extremely harmful; causing physical or financial destruction

7. mac_____ing processor

   n. the process through which computers change the way they perform jobs without following explicit instructions by using algorithms and statistical models to analyze and draw inferences from patterns in data

ANSWERS: 1. eradicate, 2. drone, 3. facsimile, 4. machine-learning, 5. facsimile, 6. catastrophic, 7. machine-learning

8. ko__a sanctuary — *n.* a small, tree-dwelling marsupial native to Australia with thick, grayish fur, large furry ears, and no tail, which feeds almost exclusively on eucalyptus leaves

9. the speaker's dr__e — *n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

10. victim of cat_____hic injuries — *adj.* extremely harmful; causing physical or financial destruction

11. cholera-en____c area — *adj.* (of a disease or other problem) regularly found among particular people or in a certain area

12. en____c disease — *adj.* (of a disease or other problem) regularly found among particular people or in a certain area

13. housing per he____e — *n.* a unit of area equal to 10,000 square meters

14. injured ko__a — *n.* a small, tree-dwelling marsupial native to Australia with thick, grayish fur, large furry ears, and no tail, which feeds almost exclusively on eucalyptus leaves

15. er_____te the deficit — *v.* to get rid of or destroy something completely, especially something bad

16. de____e his public image — *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

ANSWERS: 8. koala, 9. drone, 10. catastrophic, 11. endemic, 12. endemic, 13. hectare, 14. koala, 15. eradicate, 16. degrade

17. re____te a single country | *v.* | to make something that existed previously happen or appear to exist again

18. de____e environmental quality | *v.* | to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

19. bir_____ce of modern soccer | *n.* | the house, town, etc., where someone was born

20. de____te population | *v.* | to destroy a significant portion of something or reduce by ten percent; to cause extensive destruction or severe damage; to drastically reduce in size or number

21. bu____re emergency | *n.* | a large outdoor fire that burns out of control, typically in a wildland area, and is often caused by drought, heat, lightning, or human activities

22. di____sh a reputation | *v.* | to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.

23. he____e land | *n.* | a unit of area equal to 10,000 square meters

24. re____te the feeling of the 1920s | *v.* | to make something that existed previously happen or appear to exist again

25. und_____le outcome | *adj.* | not wanted or looked upon favorably; unwanted or unpleasant in nature, character, or appearance

ANSWERS: 17. recreate, 18. degrade, 19. birthplace, 20. decimate, 21. bushfire, 22. diminish, 23. hectare, 24. recreate, 25. undesirable

26. de____te economy

v. to destroy a significant portion of something or reduce by ten percent; to cause extensive destruction or severe damage; to drastically reduce in size or number

27. bu____re season

n. a large outdoor fire that burns out of control, typically in a wildland area, and is often caused by drought, heat, lightning, or human activities

28. ancestral bir_____ces

n. the house, town, etc., where someone was born

29. di____sh swelling

v. to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.

30. und_____le behavior

adj. not wanted or looked upon favorably; unwanted or unpleasant in nature, character, or appearance

ANSWERS: 26. decimate, 27. bushfire, 28. birthplace, 29. diminish, 30. undesirable

Session 3: Fill in the Blanks

1. As people get old, their energies may _____.

   v.   to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.

2. She _____ the atmosphere of the pre-war age with her stage setting.

   v.   to make something that existed previously happen or appear to exist again

3. The farm spans over 100 _____ of land.

   n.   a unit of area equal to 10,000 square meters

4. You should not _____ yourself by allowing them to use you.

   v.   to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

5. He heard a _____ of sirens roar from the neighboring town.

   n.   a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

6. We are trying to _____ this disease from the world.

   v.   to get rid of or destroy something completely, especially something bad

7. The _____ of civilization is a topic of much debate among historians.

   n.   the house, town, etc., where someone was born

8. The population of _____ has declined due to habitat loss, disease, and climate change.

   n.   a small, tree-dwelling marsupial native to Australia with thick, grayish fur, large furry ears, and no tail, which feeds almost exclusively on eucalyptus leaves

ANSWERS: 1. diminish, 2. recreated, 3. hectares, 4. degrade, 5. drone, 6. eradicate, 7. birthplace, 8. koalas

9. Malaria is _____ in many tropical countries.

adj. (of a disease or other problem) regularly found among particular people or in a certain area

10. The extinction rate of aquatic animals was _____.

adj. extremely harmful; causing physical or financial destruction

11. The hot and dry weather conditions are making it difficult to fight the _____.

n. a large outdoor fire that burns out of control, typically in a wildland area, and is often caused by drought, heat, lightning, or human activities

12. The hurricane _____ the small town, leaving behind destruction and devastation.

v. to destroy a significant portion of something or reduce by ten percent; to cause extensive destruction or severe damage; to drastically reduce in size or number

13. The smell of the garbage was very _____.

adj. not wanted or looked upon favorably; unwanted or unpleasant in nature, character, or appearance

14. Many software engineers are developing applications to build _____ algorithms more quickly.

n. the process through which computers change the way they perform jobs without following explicit instructions by using algorithms and statistical models to analyze and draw inferences from patterns in data

15. I received a _____ of the contract in my email to sign it digitally.

n. an exact copy or replica of a document, artwork, or other objects, often produced through photographic or digital means

ANSWERS: 9. endemic, 10. catastrophic, 11. bushfire, 12. decimated, 13. undesirable, 14. machine-learning, 15. facsimile

ANSWERS: