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Vocabulary Builder Reference from...

Tom Graham: The incredible creativity of deepfakes

-- and the worrying future of AI | TED Talk

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

Advanced Words Only

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Session 1: Word List

confer

v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

synonym: consult, meet, discuss

(1) **confer** degree, (2) **confer** honor

The leaders of the two countries met to **confer** on the issue.

cofounder

n. one of several people who establishes an organization or starts a business

(1) **cofounder** of the university, (2) late **cofounder**

He is the **cofounder** and chairman of this tech company.

impersonate

v. to pretend to be someone else, often with the intent to deceive or defraud; to imitate the mannerisms or speech of another person as a form of tribute or satire

synonym: imitate, mimic, copy

(1) **impersonate** a government official, (2) **impersonate** a character

The comedian is famous for his ability to **impersonate** famous politicians.

synchronize

v. to happen or cause to happen at the same time or rate

synonym: coordinate, accompany, harmonize

(1) **synchronize** movements, (2) **synchronize** our watches
The ball speed will increase when the lower body movements are perfectly **synchronized**.

rumor

n. a piece of unverified information of uncertain origin that is spread by word of mouth

synonym: gossip, whisper, talk

(1) a false **rumor**, (2) **rumor** mill

There was a baseless **rumor** that the company was going bankrupt.

offline

adj. not connected to the internet

synonym: disconnected, not connected, unplugged

(1) **offline** course, (2) **offline** mode

The computer is **offline** and cannot be accessed at the moment.

trump

n. a playing card with a picture of a trumpeter on it, used in certain card games

(1) **trump** card, (2) choose **trump**

The **trump** suit in the game of bridge is determined at the beginning of each hand.

unreal

adj. imaginary; not existing in fact

synonym: false, fake, fictitious

(1) have an **unreal** feeling, (2) **unreal** situation

The idea of winning the lottery seemed so **unreal** that he didn't even bother buying a ticket.

deepfake

n. a manipulated video or audio recording that uses advanced computer technology to create a realistic portrayal of a person saying or doing something they did not actually say or do, often used for deceptive or malicious purposes

synonym: AI-generated media, manipulated media

(1) **deepfake** technology, (2) **deepfake** video

The use of **deepfakes** in political campaigns is a growing concern.

downside

n. the negative aspects or consequences of something; the potential for loss or failure

synonym: drawback, negative, disadvantage

(1) major **downside**, (2) **downside** of globalization

The **downside** of the new policy was that it would be more expensive for customers.

instinct

n. an inborn behavioral pattern that is often responsive to specific stimuli; an innate feeling that causes you to act or believe that something is true

synonym: intuition, aptitude, feeling

(1) **instinct** for self-preservation, (2) aggressive **instinct**

When faced with a dangerous situation, his initial **instinct** was to flee.

institutionalize

v. to establish or make something a part of an institution (= a place such as a university, hospital, etc.)

synonym: formalize, establish, regularize

(1) **institutionalize** a system, (2) **institutionalize** customary laws

The new policy aims to **institutionalize** the use of renewable energy sources.

photorealistic

adj. referring to imagery or graphics that are so realistic that it appears to be a photograph or a real-life object

synonym: realistic, lifelike, naturalistic

(1) **photorealistic** painting, (2) **photorealistic** rendering

The video game's graphics were so **photorealistic** that it felt like I was in it.

uncanny

adj. strange or mysterious, often in a way that is unsettling

synonym: arcane, astonishing, eerie

(1) in an **uncanny** manner, (2) **uncanny** resemblance

She has an **uncanny** sense of who is telling a lie.

pandemic

n. an outbreak of a disease that affects many people over a very wide area

synonym: outbreak

(1) flu **pandemic**, (2) global **pandemic**

They fear a **pandemic** of a new type of virus.

indefinitely

adv. without any fixed or definite limit; for an unknown or unspecified period of time

synonym: endlessly, permanently, perpetually

(1) postpone a meeting **indefinitely**, (2) **indefinitely** suspended

The construction project has been delayed **indefinitely** due to the pandemic.

amplification

n. the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea

synonym: enlargement, expansion, intensification

(1) **amplification** system, (2) sound **amplification**

The political debate was an **amplification** of the candidates' views on key issues.

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.

creep

v. to move slowly, quietly, and carefully, usually to avoid being seen or heard

synonym: crawl, glide, encroach

(1) **creep** along the leaf, (2) **creep** toward the mouse

Aging **creeps** up slowly with time.

creepy

adj. causing an uneasy feeling of fear or unease

synonym: eerie, unsettling, spooky

(1) feel **creepy**, (2) **creepy** atmosphere

The old, abandoned house was **creepy** and gave me the chills.

grandparent

n. a parent of one's father or mother

(1) great- **grandparent**, (2) person of **grandparent** age

She was close to her paternal **grandparents** and often spent summers with them.

relive

v. to experience again or bring back the memory of a past event or time

synonym: revisit, recall, remember

(1) **relive** my youth, (2) **relive** moments

I like to watch old movies to **relive** memories of my childhood.

decouple

v. to disconnect or separate something from something else that it was joined to or part of previously

synonym: disunite, disjoint, break up

(1) **decouple** a power supply, (2) **decouple** a space shuttle

We have to **decouple** our foreign policy from ideology.

empower

v. to give someone the power or authority to do something

synonym: authorize, endow, entitle

(1) **empower** my life, (2) **empower** the secretary to do the same

The company **empowered** employees to buy low-price items without approval to achieve efficient purchasing.

embody

v. to represent or exemplify something; to give tangible form to an abstract idea

synonym: represent, exemplify, personify

(1) **embody** my goal, (2) **embody** a spirit of charity

The company's new products **embody** the values of innovation and sustainability.

Session 2: Spelling

1. de____ke technology *n.* a manipulated video or audio recording that uses advanced computer technology to create a realistic portrayal of a person saying or doing something they did not actually say or do, often used for deceptive or malicious purposes
2. have an un____l feeling *adj.* imaginary; not existing in fact
3. aggressive in____ct *n.* an inborn behavioral pattern that is often responsive to specific stimuli; an innate feeling that causes you to act or believe that something is true
4. great-gra____nt *n.* a parent of one's father or mother
5. cr__p toward the mouse *v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard
6. amp____ion system *n.* the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea
7. feel cr____y *adj.* causing an uneasy feeling of fear or unease
8. em____y my goal *v.* to represent or exemplify something; to give tangible form to an abstract idea
9. in an un____y manner *adj.* strange or mysterious, often in a way that is unsettling
10. imp____te a government official *v.* to pretend to be someone else, often with the intent to deceive or defraud; to imitate the mannerisms or speech of another person as a form of tribute or satire

ANSWERS: 1. deepfake, 2. unreal, 3. instinct, 4. grandparent, 5. creep, 6. amplification, 7. creepy, 8. embody, 9. uncanny, 10. impersonate

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|------------------------------------|---|
| 11. em___y a spirit of charity | <i>v.</i> to represent or exemplify something; to give tangible form to an abstract idea |
| 12. global pa____ic | <i>n.</i> an outbreak of a disease that affects many people over a very wide area |
| 13. ind_____ely suspended | <i>adv.</i> without any fixed or definite limit; for an unknown or unspecified period of time |
| 14. co___r honor | <i>v.</i> to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something |
| 15. em____r my life | <i>v.</i> to give someone the power or authority to do something |
| 16. major do____de | <i>n.</i> the negative aspects or consequences of something; the potential for loss or failure |
| 17. of____e mode | <i>adj.</i> not connected to the internet |
| 18. postpone a meeting ind_____ely | <i>adv.</i> without any fixed or definite limit; for an unknown or unspecified period of time |
| 19. of____e course | <i>adj.</i> not connected to the internet |
| 20. syn_____ze movements | <i>v.</i> to happen or cause to happen at the same time or rate |
| 21. choose tr__p | <i>n.</i> a playing card with a picture of a trumpeter on it, used in certain card games |
| 22. re___e my youth | <i>v.</i> to experience again or bring back the memory of a past event or time |
| 23. sound amp_____ion | <i>n.</i> the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea |

ANSWERS: 11. embody, 12. pandemic, 13. indefinitely, 14. confer, 15. empower, 16. downside, 17. offline, 18. indefinitely, 19. offline, 20. synchronize, 21. trump, 22. relive, 23. amplification

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|-------------------------------------|---|
| 24. cr___y atmosphere | <i>adj.</i> causing an uneasy feeling of fear or unease |
| 25. un____y resemblance | <i>adj.</i> strange or mysterious, often in a way that is unsettling |
| 26. flu pa____ic | <i>n.</i> an outbreak of a disease that affects many people over a very wide area |
| 27. co_____er of the university | <i>n.</i> one of several people who establishes an organization or starts a business |
| 28. in_____ct for self-preservation | <i>n.</i> an inborn behavioral pattern that is often responsive to specific stimuli; an innate feeling that causes you to act or believe that something is true |
| 29. ins_____ize customary laws | <i>v.</i> to establish or make something a part of an institution (= a place such as a university, hospital, etc.) |
| 30. person of gra_____nt age | <i>n.</i> a parent of one's father or mother |
| 31. syn_____ze our watches | <i>v.</i> to happen or cause to happen at the same time or rate |
| 32. ru__r mill | <i>n.</i> a piece of unverified information of uncertain origin that is spread by word of mouth |
| 33. de_____le a space shuttle | <i>v.</i> to disconnect or separate something from something else that it was joined to or part of previously |
| 34. ins_____ize a system | <i>v.</i> to establish or make something a part of an institution (= a place such as a university, hospital, etc.) |
| 35. re___e moments | <i>v.</i> to experience again or bring back the memory of a past event or time |

ANSWERS: 24. creepy, 25. uncanny, 26. pandemic, 27. cofounder, 28. instinct, 29. institutionalize, 30. grandparent, 31. synchronize, 32. rumor, 33. decouple, 34. institutionalize, 35. relive

36. em____r the secretary to do the same
v. to give someone the power or authority to do something
37. un___l situation
adj. imaginary; not existing in fact
38. ex___e the crowd
v. to make someone feel suddenly enthusiastic or eager
39. a false ru__r
n. a piece of unverified information of uncertain origin that is spread by word of mouth
40. late co____er
n. one of several people who establishes an organization or starts a business
41. co___r degree
v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
42. imp____te a character
v. to pretend to be someone else, often with the intent to deceive or defraud; to imitate the mannerisms or speech of another person as a form of tribute or satire
43. pho____tic rendering
adj. referring to imagery or graphics that are so realistic that it appears to be a photograph or a real-life object
44. do____de of globalization
n. the negative aspects or consequences of something; the potential for loss or failure
45. de____le a power supply
v. to disconnect or separate something from something else that it was joined to or part of previously
46. de____ke video
n. a manipulated video or audio recording that uses advanced computer technology to create a realistic portrayal of a person saying or doing something they did not actually say or do, often used for deceptive or malicious purposes

ANSWERS: 36. empower, 37. unreal, 38. excite, 39. rumor, 40. cofounder, 41. confer, 42. impersonate, 43. photorealistic, 44. downside, 45. decouple, 46. deepfake

47. ex___e rebellion

v. to make someone feel suddenly enthusiastic or eager

48. pho_____tic painting

adj. referring to imagery or graphics that are so realistic that it appears to be a photograph or a real-life object

49. cr__p along the leaf

v. to move slowly, quietly, and carefully, usually to avoid being seen or heard

50. tr__p card

n. a playing card with a picture of a trumpeter on it, used in certain card games

ANSWERS: 47. excite, 48. photorealistic, 49. creep, 50. trump

Session 3: Fill in the Blanks

1. The comedian is famous for his ability to _____ famous politicians.
 - v. to pretend to be someone else, often with the intent to deceive or defraud; to imitate the mannerisms or speech of another person as a form of tribute or satire

2. Aging _____ up slowly with time.
 - v. to move slowly, quietly, and carefully, usually to avoid being seen or heard

3. He is the _____ and chairman of this tech company.
 - n. one of several people who establishes an organization or starts a business

4. I like to watch old movies to _____ memories of my childhood.
 - v. to experience again or bring back the memory of a past event or time

5. The political debate was an _____ of the candidates' views on key issues.
 - n. the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea

6. They fear a _____ of a new type of virus.
 - n. an outbreak of a disease that affects many people over a very wide area

7. We have to _____ our foreign policy from ideology.
 - v. to disconnect or separate something from something else that it was joined to or part of previously

8. The company's new products _____ the values of innovation and sustainability.
 - v. to represent or exemplify something; to give tangible form to an abstract idea

ANSWERS: 1. impersonate, 2. creeps, 3. cofounder, 4. relive, 5. amplification, 6. pandemic, 7. decouple, 8. embody

9. The old, abandoned house was _____ and gave me the chills.

adj. causing an uneasy feeling of fear or unease

10. The computer is _____ and cannot be accessed at the moment.

adj. not connected to the internet

11. She was close to her paternal _____ and often spent summers with them.

n. a parent of one's father or mother

12. The leaders of the two countries met to _____ on the issue.

v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

13. The use of _____ in political campaigns is a growing concern.

n. a manipulated video or audio recording that uses advanced computer technology to create a realistic portrayal of a person saying or doing something they did not actually say or do, often used for deceptive or malicious purposes

14. The news of her promotion _____ her.

v. to make someone feel suddenly enthusiastic or eager

15. The company _____ employees to buy low-price items without approval to achieve efficient purchasing.

v. to give someone the power or authority to do something

16. The _____ suit in the game of bridge is determined at the beginning of each hand.

n. a playing card with a picture of a trumpeter on it, used in certain card games

ANSWERS: 9. creepy, 10. offline, 11. grandparents, 12. confer, 13. deepfakes, 14. excited, 15. empowered, 16. trump

17. The _____ of the new policy was that it would be more expensive for customers.
n. the negative aspects or consequences of something; the potential for loss or failure
18. The ball speed will increase when the lower body movements are perfectly _____.
v. to happen or cause to happen at the same time or rate
19. She has an _____ sense of who is telling a lie.
adj. strange or mysterious, often in a way that is unsettling
20. The video game's graphics were so _____ that it felt like I was in it.
adj. referring to imagery or graphics that are so realistic that it appears to be a photograph or a real-life object
21. The construction project has been delayed _____ due to the pandemic.
adv. without any fixed or definite limit; for an unknown or unspecified period of time
22. The new policy aims to _____ the use of renewable energy sources.
v. to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
23. There was a baseless _____ that the company was going bankrupt.
n. a piece of unverified information of uncertain origin that is spread by word of mouth
24. When faced with a dangerous situation, his initial _____ was to flee.
n. an inborn behavioral pattern that is often responsive to specific stimuli; an innate feeling that causes you to act or believe that something is true

ANSWERS: 17. downside, 18. synchronized, 19. uncanny, 20. photorealistic, 21. indefinitely, 22. institutionalize, 23. rumor, 24. instinct

25. The idea of winning the lottery seemed so _____ that he didn't even bother buying a ticket.

adj. imaginary; not existing in fact

ANSWERS: 25. unreal