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Vocabulary Builder Reference from...

Chris Domas: The 1s and 0s behind cyber warfare |
TED Talk

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Advanced Words Only

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Session 1: Word List

cybersecurity

n. the practice of protecting computers, servers, mobile devices, electronic systems, networks, and data from unauthorized access, use, disclosure, disruption, modification, or destruction

synonym : information security, cyber protection

(1) **cybersecurity** threat, (2) **cybersecurity** measures

As the use of technology continues to increase in everyday life, **cybersecurity** awareness and education become even more important

comprehend

v. to understand the nature or meaning of something fully

synonym : understand, grasp, apprehend

(1) **comprehend** English, (2) **comprehend** instructions

She struggled to **comprehend** complex math problems.

cyber

adj. relating to or involving computers, computer networks, or virtual reality

synonym : digital, computer, Internet

(1) **cyber** bullying, (2) **cyber** crime

Cyber espionage between countries can have serious consequences.

sift v. to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles

synonym : filter, go through, sieve

(1) **sift** the candidates, (2) **sift** sand

The search engine helps **sift** information.

creditor n. a person, company, etc. to whom a debtor owes money

(1) the **creditor's** claims, (2) bankrupt **creditor**

I asked the lawyer to initiate **creditor** negotiations for voluntary liquidation.

airbag n. a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death

synonym : air cushion, safety bag, crash bag

(1) defective **airbag**, (2) **airbag** deployment

The **airbag** system in the car saved the driver's life in a severe crash.

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.

silo n. a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others

synonym : storage, warehouse, barn

(1) nuclear **silo**, (2) **silo** organization

The farmer used a **silo** to store feed for the animals.

explode

v. to burst or break open violently and noisily; to cause something to burst or break open

synonym: detonate, blast, rupture

(1) **explode** in anger, (2) **explode** in popularity

The old building **exploded** in a fiery inferno.

detonate

v. to explode or cause to explode; to set off a sudden or dramatic series of events

synonym: explode, blow up, ignite

(1) **detonate** a missile, (2) **detonate** a plan

The bomb squad had to **detonate** the suspicious package found at the train station.

hail

v. to call out to someone to get their attention, often from a distance; to greet or welcome someone, especially with enthusiasm or admiration; (noun) precipitation in the form of small balls or lumps of ice that fall from the sky

synonym: greet, salute, welcome

(1) **hail** the victorious team with cheers, (2) **hail** forecast

People in the area were forced to **hail** a taxi due to the lack of public transportation options.

drastic

adj. radical and extreme; likely to have a significant or far-reaching impact

synonym: extreme, fierce, radical

(1) **drastic** measures, (2) make **drastic** revision

The global community is undergoing **drastic** changes at present.

overheat

v. to become too hot, or to cause something to become too hot

synonym: become too hot, heat up too much

(1) **overheat** while charging, (2) starts to **overheat**

The car engine **overheated** and had to be repaired.

app

n. (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a

web browser on a PC

synonym : application, software

(1) killer **app**, (2) cannot log in to the **app**

The discovery of a critical bug caused the company to delay the **app's** release.

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.

decipher

v. to read or understand something that is written in code or in a difficult or obscure way

synonym : interpret, decode, translate

(1) **decipher** code, (2) **decipher** message

He spent hours trying to **decipher** the ancient text.

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.

kitten

n. a young cat

synonym : catling, kitling, puss

(1) **kitten** formula, (2) newborn **kitten**

The **kitten's** fur was so fluffy that it looked like it was always moving.

quitter

n. a person who gives up easily or does not have the determination to finish what they have started

synonym : coward, deserter, surrender

(1) easy **quitter**, (2) serial **quitter**

He was labeled as a **quitter** after he abandoned the project halfway.

epiphany

n. a moment of sudden and great realization or revelation; a Christian festival, held on 6 January, celebrating the visit of the three wise men to the infant Jesus

synonym : revelation, enlightenment, insight

(1) **epiphany** about life, (2) Feast of **Epiphany**

She had an **epiphany** while meditating and realized the answer to her problem.

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**.

crumb

n. a small particle or fragment of food or other substance, often one that has broken off from a larger piece; a very small amount or portion of something

synonym : fragment, particle, bit

(1) **crumb** of information, (2) bread **crumb**

My dog found a **crumb** on the floor and quickly ate it.

visualize

v. to form a mental image or concept of something; to make something visible

synonym : imagine, picture, envision

(1) **visualize** data, (2) **visualize** flying through space

She tried to **visualize** the layout of the new house in her mind.

shove

v. to push someone or something in a rough way

synonym : push, jab, elbow

(1) **shove** a person aside, (2) **shove** hamburger into my mouth

He forcibly **shoved** the flyer into my bag.

darn

v. to mend a piece of clothing by sewing over a hole or tear with small, tight stitches

synonym : mend, repair, patch

(1) **darn** stockings, (2) **darn** hole

I have to **darn** these socks before they become unwearable.

Session 2: Spelling

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|----------------------------------|---|
| 1. sh__e hamburger into my mouth | <i>v.</i> to push someone or something in a rough way |
| 2. defective ai___g | <i>n.</i> a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death |
| 3. cyb_____ity measures | <i>n.</i> the practice of protecting computers, servers, mobile devices, electronic systems, networks, and data from unauthorized access, use, disclosure, disruption, modification, or destruction |
| 4. the cr____or's claims | <i>n.</i> a person, company, etc. to whom a debtor owes money |
| 5. easy qu____r | <i>n.</i> a person who gives up easily or does not have the determination to finish what they have started |
| 6. bankrupt cr____or | <i>n.</i> a person, company, etc. to whom a debtor owes money |
| 7. Feast of Ep____ny | <i>n.</i> a moment of sudden and great realization or revelation; a Christian festival, held on 6 January, celebrating the visit of the three wise men to the infant Jesus |
| 8. ep____ny about life | <i>n.</i> a moment of sudden and great realization or revelation; a Christian festival, held on 6 January, celebrating the visit of the three wise men to the infant Jesus |

ANSWERS: 1. shove, 2. airbag, 3. cybersecurity, 4. creditor, 5. quitter, 6. creditor, 7. epiphany, 8. epiphany

9. h__l the victorious team with cheers *v.* to call out to someone to get their attention, often from a distance; to greet or welcome someone, especially with enthusiasm or admiration; (noun) precipitation in the form of small balls or lumps of ice that fall from the sky
10. cannot log in to the a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
11. s__t the candidates *v.* to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles
12. dr____c measures *adj.* radical and extreme; likely to have a significant or far-reaching impact
13. sh__e a person aside *v.* to push someone or something in a rough way
14. ex____e in popularity *v.* to burst or break open violently and noisily; to cause something to burst or break open
15. cr__b of information *n.* a small particle or fragment of food or other substance, often one that has broken off from a larger piece; a very small amount or portion of something
16. ex____e in anger *v.* to burst or break open violently and noisily; to cause something to burst or break open
17. Peruvian ar____cts *n.* a person-made object, especially one of historical or cultural interest

ANSWERS: 9. hail, 10. app, 11. sift, 12. drastic, 13. shove, 14. explode, 15. crumb, 16. explode, 17. artifact

18. serial qu____r *n.* a person who gives up easily or does not have the determination to finish what they have started
19. h__l forecast *v.* to call out to someone to get their attention, often from a distance; to greet or welcome someone, especially with enthusiasm or admiration; (noun) precipitation in the form of small balls or lumps of ice that fall from the sky
20. ov____at while charging *v.* to become too hot, or to cause something to become too hot
21. cy__r crime *adj.* relating to or involving computers, computer networks, or virtual reality
22. ki____n formula *n.* a young cat
23. s__o organization *n.* a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others
24. de____te a missile *v.* to explode or cause to explode; to set off a sudden or dramatic series of events
25. newborn ki____n *n.* a young cat
26. de____te a plan *v.* to explode or cause to explode; to set off a sudden or dramatic series of events
27. make dr____c revision *adj.* radical and extreme; likely to have a significant or far-reaching impact

ANSWERS: 18. quitter, 19. hail, 20. overheat, 21. cyber, 22. kitten, 23. silo, 24. detonate, 25. kitten, 26. detonate, 27. drastic

28. cr__p along the leaf *v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard
29. b__y in the earth *v.* to place a dead body in the ground, grave, or tomb
30. cr__p toward the mouse *v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard
31. cy__r bullying *adj.* relating to or involving computers, computer networks, or virtual reality
32. vi_____ze flying through space *v.* to form a mental image or concept of something; to make something visible
33. cyb_____ity threat *n.* the practice of protecting computers, servers, mobile devices, electronic systems, networks, and data from unauthorized access, use, disclosure, disruption, modification, or destruction
34. d__n hole *v.* to mend a piece of clothing by sewing over a hole or tear with small, tight stitches
35. bread cr__b *n.* a small particle or fragment of food or other substance, often one that has broken off from a larger piece; a very small amount or portion of something
36. de_____er message *v.* to read or understand something that is written in code or in a difficult or obscure way
37. killer a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC

ANSWERS: 28. creep, 29. bury, 30. creep, 31. cyber, 32. visualize, 33. cybersecurity, 34. darn, 35. crumb, 36. decipher, 37. app

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|---------------------------------------|----|---|
| 38. d__n stockings | v. | to mend a piece of clothing by sewing over a hole or tear with small, tight stitches |
| 39. com_____nd English | v. | to understand the nature or meaning of something fully |
| 40. 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 |
| 41. b__y emotion | v. | to place a dead body in the ground, grave, or tomb |
| 42. de_____er code | v. | to read or understand something that is written in code or in a difficult or obscure way |
| 43. com_____nd instructions | v. | to understand the nature or meaning of something fully |
| 44. vi_____ze data | v. | to form a mental image or concept of something; to make something visible |
| 45. paleolithic ar_____cts | n. | a person-made object, especially one of historical or cultural interest |
| 46. 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 |
| 47. s__t sand | v. | to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles |
| 48. ai___g deployment | n. | a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death |

ANSWERS: 38. darn, 39. comprehend, 40. electrify, 41. bury, 42. decipher, 43. comprehend, 44. visualize, 45. artifact, 46. electrify, 47. sift, 48. airbag

49. nuclear s__o

n. a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others

50. starts to ov_____at

v. to become too hot, or to cause something to become too hot

ANSWERS: 49. silo, 50. overheat

Session 3: Fill in the Blanks

1. He spent hours trying to _____ the ancient text.
 - v. to read or understand something that is written in code or in a difficult or obscure way

2. People in the area were forced to _____ a taxi due to the lack of public transportation options.
 - v. to call out to someone to get their attention, often from a distance; to greet or welcome someone, especially with enthusiasm or admiration; (noun) precipitation in the form of small balls or lumps of ice that fall from the sky

3. My dog found a _____ on the floor and quickly ate it.
 - n. a small particle or fragment of food or other substance, often one that has broken off from a larger piece; a very small amount or portion of something

4. 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

5. She had an _____ while meditating and realized the answer to her problem.
 - n. a moment of sudden and great realization or revelation; a Christian festival, held on 6 January, celebrating the visit of the three wise men to the infant Jesus

6. The farmer used a _____ to store feed for the animals.
 - n. a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others

ANSWERS: 1. decipher, 2. hail, 3. crumb, 4. electrify, 5. epiphany, 6. silo

7. Aging _____ up slowly with time.
v. to move slowly, quietly, and carefully, usually to avoid being seen or heard
8. He was labeled as a _____ after he abandoned the project halfway.
n. a person who gives up easily or does not have the determination to finish what they have started
9. There is plenty of space to _____ everyone.
v. to place a dead body in the ground, grave, or tomb
10. She struggled to _____ complex math problems.
v. to understand the nature or meaning of something fully
11. The museum has a vast collection of Greek _____.
n. a person-made object, especially one of historical or cultural interest
12. _____ espionage between countries can have serious consequences.
adj. relating to or involving computers, computer networks, or virtual reality
13. I asked the lawyer to initiate _____ negotiations for voluntary liquidation.
n. a person, company, etc. to whom a debtor owes money
14. The bomb squad had to _____ the suspicious package found at the train station.
v. to explode or cause to explode; to set off a sudden or dramatic series of events
15. I have to _____ these socks before they become unwearable.
v. to mend a piece of clothing by sewing over a hole or tear with small, tight stitches

ANSWERS: 7. creeps, 8. quitter, 9. bury, 10. comprehend, 11. artifacts, 12. Cyber, 13. creditor, 14. detonate, 15. darn

16. The discovery of a critical bug caused the company to delay the _____ release.
- n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
17. The search engine helps _____ information.
- v.* to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles
18. The _____ system in the car saved the driver's life in a severe crash.
- n.* a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death
19. She tried to _____ the layout of the new house in her mind.
- v.* to form a mental image or concept of something; to make something visible
20. He forcibly _____ the flyer into my bag.
- v.* to push someone or something in a rough way
21. The car engine _____ and had to be repaired.
- v.* to become too hot, or to cause something to become too hot
22. As the use of technology continues to increase in everyday life, _____ awareness and education become even more important
- n.* the practice of protecting computers, servers, mobile devices, electronic systems, networks, and data from unauthorized access, use, disclosure, disruption, modification, or destruction
23. The old building _____ in a fiery inferno.
- v.* to burst or break open violently and noisily; to cause something to burst or break open

ANSWERS: 16. app's, 17. sift, 18. airbag, 19. visualize, 20. shoved, 21. overheated, 22. cybersecurity, 23. exploded

24. The _____ fur was so fluffy that it looked like it was always moving.

n. a young cat

25. The global community is undergoing _____ changes at present.

adj. radical and extreme; likely to have a significant or far-reaching impact

ANSWERS: 24. kitten's, 25. drastic