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Vocabulary Builder Reference from...

Daniel Garrie: Defining cyberwarfare... in hopes of preventing it | TED Talk

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

Advanced Words Only

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Session 1: Word List

outlaw

v. to make something illegal; (noun) a person who has committed a crime or has been legally convicted of a crime

synonym: ban, prohibit, (noun) bandit

(1) **outlaw** racial discrimination, (2) **outlaw** cloning of human cells

Some communities began to **outlaw** alcohol consumption.

cyberwarfare

n. the use of digital technologies, such as hacking, viruses, and other malicious tactics, to disrupt, damage, or destroy computer systems, networks, and electronic devices, to cause harm to individuals, governments, or organizations

synonym: cyberattack, online warfare, digital warfare

(1) **cyberwarfare** defense, (2) **cyberwarfare** threats

Experts warn that **cyberwarfare** attacks are becoming increasingly sophisticated and difficult to detect.

envision

v. to imagine or expect what a situation will be like in the future

synonym: anticipate, foresee, picture

(1) **envision** the future, (2) **envision** the project's success

We cannot **envision** her as President.

assassin

n. a person who murders a prominent or well-known person for political reasons or in exchange for money

synonym: killer, manslayer

(1) fall victim to an **assassin**, (2) would-be **assassin**

She hired an **assassin** to kill her opponent.

perpetrate

v. to commit or carry out a harmful or illegal act, particularly one that involves violence or deception; to be responsible for the creation or continuation of a negative situation

synonym: commit, perform, execute

(1) **perpetrate** harassment, (2) **perpetrate** a fraud

The criminal decided to **perpetrate** another robbery despite his previous arrest.

pacemaker

n. a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others

synonym: heartbeat regulator, pacer, pacesetter

(1) implanted **pacemaker**, (2) **pacemaker** battery

Some people with **pacemakers** may need to avoid certain activities or sources of electromagnetic interference.

malfunction

v. to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate

synonym: malfunction, break down, fail

(1) **malfunction** alarm, (2) **malfunction** and start moving unpredictably

The car's engine **malfunctioned** on the highway, so we had to call for a tow truck.

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.

assassination

n. the act of killing a public figure, especially a political leader, usually for political or religious motives

synonym: murder, killing, execution

(1) failed **assassination** attempt, (2) **assassination** plot

The **assassination** of the president sent shockwaves through the nation.

infiltrate

v. to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly

synonym: penetrate, sneak in, invade

(1) **infiltrate** the bloodstream, (2) **infiltrate** a community

The spy was able to **infiltrate** the enemy's headquarters undetected.

unleash

v. to suddenly release a strong force, emotion, etc. that cannot be controlled

synonym: discharge, free, release

(1) **unleash** a hound, (2) **unleash** her anger

The general was still reluctant to **unleash** his troops in pursuit of an enemy.

cyberattack

n. an attempt to damage, disrupt, or gain unauthorized access to a computer system or network

synonym: cyber intrusion, hack, cyberterrorism

(1) **cyberattack** prevention, (2) **cyberattack** defense system

The hackers launched a devastating **cyberattack**, stealing sensitive information from the company's servers.

counterattack

n. an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it

synonym : retaliation, reprisal, response

(1) gear up for a **counterattack**, (2) launch a **counterattack**

The company launched a **counterattack** against its rivals with a new marketing campaign.

feeble

adj. lacking physical or mental strength; weak or frail; lacking force, effectiveness, or impact

synonym : weak, frail, feeble-minded

(1) **feeble** attempt, (2) **feeble** excuse

The older man's **feeble** voice suggested he was not feeling well.

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

antiquated

adj. outdated or old-fashioned

synonym : old-fashioned, outdated, obsolete

(1) **antiquated** system, (2) have an **antiquated** custom

The factory was forced to shut down due to its **antiquated** equipment.

retaliation

n. the act of seeking vengeance or revenge in response to a perceived wrong or harm suffered, usually to cause harm to the person or group responsible for the initial act

synonym : retribution, revenge, vengeance

(1) **retaliation** tactics, (2) **retaliation** against discrimination

The company faced heavy **retaliation** from its competitors after releasing a controversial product.

atrocious

n. brutal act; an extremely wicked or cruel act

synonym: evil, horror, iniquity

(1) commit **atrocious**, (2) cold-blooded **atrocious**

The **atrocious** of the war left many children orphaned.

atrocious

adj. shockingly bad or unpleasant; extremely cruel or brutal

synonym: terrible, heinous, abominable

(1) **atrocious** weather, (2) **atrocious** manners

The food at the restaurant was **atrocious** and lacked any flavor.

poisonous

adj. containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction

synonym: toxic, venomous, deadly

(1) **poisonous** plants, (2) **poisonous** chemicals

Some species of **poisonous snakes** can be deadly to humans if bitten.

burgeon

v. to grow or develop rapidly, especially in a healthy or vigorous way

synonym: flourish, bloom, thrive

(1) **burgeon** rapidly, (2) **burgeon** from every corner.

The city's art scene has been **burgeoning** recently, with new galleries and exhibitions popping up regularly.

Session 2: Spelling

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|--|---|
| 1. 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 |
| 2. failed ass_____ion attempt | <i>n.</i> the act of killing a public figure, especially a political leader, usually for political or religious motives |
| 3. mal_____on and start moving unpredictably | <i>v.</i> to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate |
| 4. gear up for a cou_____ack | <i>n.</i> an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it |
| 5. ou___w cloning of human cells | <i>v.</i> to make something illegal; (noun) a person who has committed a crime or has been legally convicted of a crime |
| 6. po_____us chemicals | <i>adj.</i> containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction |
| 7. have an ant_____ed custom | <i>adj.</i> outdated or old-fashioned |
| 8. fe___e attempt | <i>adj.</i> lacking physical or mental strength; weak or frail; lacking force, effectiveness, or impact |

ANSWERS: 1. cybersecurity, 2. assassination, 3. malfunction, 4. counterattack, 5. outlaw, 6. poisonous, 7. antiquated, 8. feeble

9. pa_____er battery *n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
10. cyb_____are threats *n.* the use of digital technologies, such as hacking, viruses, and other malicious tactics, to disrupt, damage, or destroy computer systems, networks, and electronic devices, to cause harm to individuals, governments, or organizations
11. inf_____te a community *v.* to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly
12. bu_____n rapidly *v.* to grow or develop rapidly, especially in a healthy or vigorous way
13. un_____h her anger *v.* to suddenly release a strong force, emotion, etc. that cannot be controlled
14. en_____on the future *v.* to imagine or expect what a situation will be like in the future
15. implanted pa_____er *n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
16. at_____us manners *adj.* shockingly bad or unpleasant; extremely cruel or brutal

ANSWERS: 9. pacemaker, 10. cyberwarfare, 11. infiltrate, 12. burgeon, 13. unleash, 14. envision, 15. pacemaker, 16. atrocious

17. cy__r bullying *adj.* relating to or involving computers, computer networks, or virtual reality
18. ass_____ion plot *n.* the act of killing a public figure, especially a political leader, usually for political or religious motives
19. ant_____ed system *adj.* outdated or old-fashioned
20. fall victim to an as_____in *n.* a person who murders a prominent or well-known person for political reasons or in exchange for money
21. 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
22. launch a cou_____ack *n.* an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it
23. inf_____te the bloodstream *v.* to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly
24. per_____te a fraud *v.* to commit or carry out a harmful or illegal act, particularly one that involves violence or deception; to be responsible for the creation or continuation of a negative situation
25. cyb_____are defense *n.* the use of digital technologies, such as hacking, viruses, and other malicious tactics, to disrupt, damage, or destroy computer systems, networks, and electronic devices, to cause harm to individuals, governments, or organizations

ANSWERS: 17. cyber, 18. assassination, 19. antiquated, 20. assassin, 21. cybersecurity, 22. counterattack, 23. infiltrate, 24. perpetrate, 25. cyberwarfare

26. ou___w racial discrimination *v.* to make something illegal; (noun) a person who has committed a crime or has been legally convicted of a crime
27. commit at_____ty *n.* brutal act; an extremely wicked or cruel act
28. po_____us plants *adj.* containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction
29. cold-blooded at_____ty *n.* brutal act; an extremely wicked or cruel act
30. ret_____on tactics *n.* the act of seeking vengeance or revenge in response to a perceived wrong or harm suffered, usually to cause harm to the person or group responsible for the initial act
31. un_____h a hound *v.* to suddenly release a strong force, emotion, etc. that cannot be controlled
32. at_____us weather *adj.* shockingly bad or unpleasant; extremely cruel or brutal
33. per_____te harassment *v.* to commit or carry out a harmful or illegal act, particularly one that involves violence or deception; to be responsible for the creation or continuation of a negative situation
34. en_____on the project's success *v.* to imagine or expect what a situation will be like in the future
35. bu_____n from every corner. *v.* to grow or develop rapidly, especially in a healthy or vigorous way

ANSWERS: 26. outlaw, 27. atrocity, 28. poisonous, 29. atrocity, 30. retaliation, 31. unleash, 32. atrocious, 33. perpetrate, 34. envision, 35. burgeon

36. ret_____on against discrimination *n.* the act of seeking vengeance or revenge in response to a perceived wrong or harm suffered, usually to cause harm to the person or group responsible for the initial act
37. cyb_____ck defense system *n.* an attempt to damage, disrupt, or gain unauthorized access to a computer system or network
38. cy__r crime *adj.* relating to or involving computers, computer networks, or virtual reality
39. would-be as_____in *n.* a person who murders a prominent or well-known person for political reasons or in exchange for money
40. cyb_____ck prevention *n.* an attempt to damage, disrupt, or gain unauthorized access to a computer system or network
41. mal_____on alarm *v.* to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate
42. fe___e excuse *adj.* lacking physical or mental strength; weak or frail; lacking force, effectiveness, or impact

ANSWERS: 36. retaliation, 37. cyberattack, 38. cyber, 39. assassin, 40. cyberattack, 41. malfunction, 42. feeble

Session 3: Fill in the Blanks

1. 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

2. The city's art scene has been _____ recently, with new galleries and exhibitions popping up regularly.
 - v.* to grow or develop rapidly, especially in a healthy or vigorous way

3. The company faced heavy _____ from its competitors after releasing a controversial product.
 - n.* the act of seeking vengeance or revenge in response to a perceived wrong or harm suffered, usually to cause harm to the person or group responsible for the initial act

4. Some species of _____ can be deadly to humans if bitten.
 - adj.* containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction

5. Some communities began to _____ alcohol consumption.
 - v.* to make something illegal; (noun) a person who has committed a crime or has been legally convicted of a crime

6. The food at the restaurant was _____ and lacked any flavor.
 - adj.* shockingly bad or unpleasant; extremely cruel or brutal

ANSWERS: 1. cybersecurity, 2. burgeoning, 3. retaliation, 4. poisonous snakes, 5. outlaw, 6. atrocious

7. The spy was able to _____ the enemy's headquarters undetected.
- v. to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly
8. We cannot _____ her as President.
- v. to imagine or expect what a situation will be like in the future
9. She hired an _____ to kill her opponent.
- n. a person who murders a prominent or well-known person for political reasons or in exchange for money
10. The company launched a _____ against its rivals with a new marketing campaign.
- n. an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it
11. The _____ of the president sent shockwaves through the nation.
- n. the act of killing a public figure, especially a political leader, usually for political or religious motives
12. The factory was forced to shut down due to its _____ equipment.
- adj. outdated or old-fashioned
13. Experts warn that _____ attacks are becoming increasingly sophisticated and difficult to detect.
- n. the use of digital technologies, such as hacking, viruses, and other malicious tactics, to disrupt, damage, or destroy computer systems, networks, and electronic devices, to cause harm to individuals, governments, or organizations

ANSWERS: 7. infiltrate, 8. envision, 9. assassin, 10. counterattack, 11. assassination, 12. antiquated, 13. cyberwarfare

14. _____ espionage between countries can have serious consequences.
adj. relating to or involving computers, computer networks, or virtual reality
15. The _____ of the war left many children orphaned.
n. brutal act; an extremely wicked or cruel act
16. The older man's _____ voice suggested he was not feeling well.
adj. lacking physical or mental strength; weak or frail; lacking force, effectiveness, or impact
17. Some people with _____ may need to avoid certain activities or sources of electromagnetic interference.
n. a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
18. The hackers launched a devastating _____ stealing sensitive information from the company's servers.
n. an attempt to damage, disrupt, or gain unauthorized access to a computer system or network
19. The general was still reluctant to _____ his troops in pursuit of an enemy.
v. to suddenly release a strong force, emotion, etc. that cannot be controlled
20. The car's engine _____ on the highway, so we had to call for a tow truck.
v. to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate

ANSWERS: 14. Cyber, 15. atrocity, 16. feeble, 17. pacemakers, 18. cyberattack, 19. unleash, 20. malfunctioned

21. The criminal decided to _____ another robbery despite his previous arrest.
- v. to commit or carry out a harmful or illegal act, particularly one that involves violence or deception; to be responsible for the creation or continuation of a negative situation

ANSWERS: 21. perpetrate