

Cybersecurity:

Malicious Code, Identity Theft & Remedies

Journal:

How might malicious code be a threat to Internet security?

yeet

Objectives:

- Students will be able to identify key general attributes of the threats to the security of computers and information via the Internet such as viruses, worms, and Trojan Horses.
- Students will understand critical attributes of the sources, and consequences to individuals and society, of identity theft.
- Students will understand how to protect themselves and their computers from external threats.
- Students will develop a strategy to inform others of the security risks inherent to Internet usage.

Security Issues

- ❑ Malicious code is programming code designed with a harmful intent (to hack, cause damage, etc.). Malicious code causes millions of dollars in damage every year.
- ❑ How can malicious code spread across many computers so quickly?
- ❑ Digital Attack Map which displays global DDoS activity on any given day. Attacks are displayed as dotted lines, scaled to size, and placed according to the source and destination countries of the attack traffic when known. <http://www.digitalattackmap.com/understanding-ddos/> .



Key Vocabulary

- Computer virus
- Spyware
- Ransomware
- Bot
- Hacker
- Malware
- Adware
- Phishing
- Identity Theft

A brief overview

□ <https://www.youtube.com/watch?v=7wAHZLfiY-E>

□ <https://vimeo.com/63422786>



Do Some Research & Share it

- Google Classroom



Homework

- Review Worksheet Online (google classroom)

