

## Cyber Security on the Internet

<https://codehs.com/editor/videoplayer/165745/428952/851/400>

All traffic goes over shared wires. (credit cards, bank account info). This can lead to serious threats in the form of cyber\_\_\_\_\_ and cyber\_\_\_\_\_

1. Give some examples of cyber crime:

2. Give some examples of cyber warfare:

3. What is a DDOS attack?

4. What is DNS Spoofing?

**\*\*Cyber Security is the solution.\*\***

Name 3 things that make up cyber security:

**\*\*Cryptography: Scrambles information before sending.\*\***

What do these protocols stand for and what do they do for us as users of the internet?

8. SSL

9. TLS :

10. https://

\*\*These ensure that anyone communicating with these protocols is using public key encryption.

11. Define public key encryption:

What does a CA or Certificate Authority do?

List a few ways we as users can prevent or help us protect ourselves from cyber attacks?