



# CYBER SECURITY

Library Speaking Club

July 2017



# How safe do you feel online?

Think about and discuss your personal levels of security in the following areas:

- E-mail, social media, and other user accounts;
- Targeted advertisements;
- Online banking;



# Personal Experiences

- Has your computer ever had a virus?
- If so, do you know how you got it?
- How did you get rid of it?



# Video Vocabulary

- **Malware** (Malicious software) - a variety of forms of hostile or intrusive software, including computer viruses, worms, trojan horses, ransomware, spyware, adware, scareware, and other malicious programs.
- **Vulnerability** - a weakness which allows an attacker to reduce a system's information assurance.
- **DDoS** (Disturbed Denial of Service) – a form of electronic attack involving multiple computers, which send repeated HTTP requests or pings to a server to load it down and render it inaccessible for a period of time.
- **SQL injection** - an injection attack wherein an attacker can execute malicious SQL statements that control a web application's database server.
- **Phishing** - the attempt to obtain sensitive information such as usernames, passwords, and credit card details by disguising as a trustworthy entity in an electronic communication.

# Let's talk about hackers.

- Who are they and what do they do?
- What are the different types of hackers?
- What do you think about the Russian hacker conspiracy theories that are on the news today?



# How can we protect ourselves?

- How has this discussion affected you?
- Will you start using the security measures recommended in the video?
- What other ways can we protect ourselves online?



THANKS FOR THE  
TALK 😊

See you on the 13<sup>th</sup> of August 2017!