Read the following articles:

* <http://www.cbc.ca/news/technology/ransomware-europe-russia-ukraine-petya-bitcoin-1.4179683>
* <http://www.cbc.ca/news/canada/toronto/oshawa-hospital-cyberattack-1.4114758>
* <https://www.thestar.com/news/canada/2017/05/13/ontario-health-ministry-on-high-alert-amid-global-cyberattack.html>

**Ransomware Basics**

1. What is a ransomware attack?

**A ransomware attack is when a hacker takes your data and holds it “hostage” by encrypting it.**

1. How does ransomware work and what does it affect?

**Ransomware is sent to you in some digital form, and it takes your data and encrypts it. It can affect anyone.**

1. How could you be affected by a ransomware attack?

**If you get sent a spam email or download it, or even just get hacked.**

1. How can you protect yourself against a ransomware attack?

**Don’t be stupid on the internet. Download from trusted sites when possible, when not possible always look for real reviews on the site, never ever share your password which would consist of over 8 characters at least 2 of them being numbers. Don’t open unsecure links, whenever you get an email make sure it’s not phishing. Never give out your personal info. Use a VPN. There’s a lot more you can do to make sure you’re safe.**

**Canadian Attacks (In The Past)**

1. What was affected in Canada in the articles above?

**They were hit by ransomware.**

1. How badly was Canada affected?

**Not as bad as others. We were able to deflect the attack.**

1. What other countries were affected?

**150 other countries such as the US and China**

1. Where did the attack come from?

**Ukraine**

1. Why was the attack started?

**To cripple the Ukraine state.**

1. How was the attacked stopped?

**Cybercrime unit of Ukraine seized servers from M.E Dos.**

**Canadian Attacks (Present Day)**

1. Google “ransomware attack Canada 2019” and research an attack that occurred in the past two months.
   1. Summarize the attack in a paragraph that describes: who, what, where, when.

**Ryuk. The ransomware stays invisible to the user for weeks or months while it collects information. The ransomware targeted 3 Canadian hospitals. They say the only way to beat it was resting computers.**