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?

Ransomware is a type of malware that encrypts or threatens to publish the victims data unless money is paid to the company.

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

Ransomware works by encrypting files and forcing the victim to pay to gain access to key needed to unencrypt the files.

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

You can get a spam email and after clicking the link within you can get the malware

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

You can try to not open up suspicious emails or go to sketchy sites, to prevent you getting a ransomware virus or a random virus

**Canadian Attacks (In The Past)**

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

A hospital in Oshawa.

1. How badly was Canada affected?

Canada was not affected as badly as other countries were.

1. What other countries were affected?

Other countries were affected badly, like Ukraine or the US.

1. Where did the attack come from?

The attack came from an Asian country.

1. Why was the attack started?

It is unknown where the virus started as it has appeared all over the world.

1. How was the attacked stopped?

The hospital used backups from before.

**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.

The Nunavut government was attacked in November of 2019. All word documents and pdfs were encrypted by a ransomware virus called DoppelPaymer from a unknown origin.