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 a cyber-attack that attacks a network to expose or cause malware.

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

Ransomware sends attacks to PC’s and work computers and affects the set computer or the whole system.

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

I can be affected due to someone else in the Peel District School Board system, since the system is all connected, if someone messes up and opens a ransomware attack, it may affect my account.

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

**Canadian Attacks (In The Past)**

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

The hospital in Oshawa was affected by a ransomware attack.

1. How badly was Canada affected?

Canada was not affected that badly, overall it set the hospital a day back but made Canada overall more secure from facing that one ransomware attack.

1. What other countries were affected?

Mainly North America was affected, this is because the US has similar security when dealing with ransomware security.

1. Where did the attack come from?

The crazy thing about these attacks is that their locations are still unknown after all the investigation that occurred.

1. Why was the attack started?

Attacks mainly happen due to the attacker wanting money or valid information and use attacks as blackmail in order to get what they want.

1. How was the attacked stopped?

The attack was stopped by an Anti-virus that was strong enough, however information was lost during the process.

**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.

On November 6th, the government services were affected by a ransomware attack. It affected the citizens as their services went out. This attack has left many in shock as this a government building that got attacked.