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 you are blocked to a certain thing in your system or some files until a certain amount of money is paid.

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

* They encrypt files on the affected computer making them inaccessible, and demand a ransom payment to restore access. Ransomware can effect may people it can effect anyone who is the victim of it

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

If you have a lot of info then you can have a loss or destruction of crucial information, if you are in business then you can have a business downtime, Productivity loss

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

* You can protect yourself in many ways you can put ransomware software, early detection system, back up your system locally or in iCloud.

**Canadian Attacks (In The Past)**

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

* The bitcoin industry, many attacks from the ransomware.

1. How badly was Canada affected?

* Canada was effected in a way that they had many troubles from then and they found ways to get out of that as time went on.

1. What other countries were affected?

* Ukraine, U.S western Pennsylvania and etc.

1. Where did the attack come from?

The attack came from Ukraine it had started there and spread to other countries

1. Why was the attack started?

The attack was started because hackers demanded 13 bitcoins (roughly $76,280) in exchange for keys to restore access.

1. How was the attack stopped?

The security manager wanted to fund money to the cyber-attack insurance. They did not have the money so the security decided to fund money to the cyberattack insurance.

**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.

There was a ransomware attack about Cybercriminals who held to ransom the files of 22 Texas local government units for a ransom amount of US$2.5 million. On September 10 2019. It happened in the early morning and the people had no clue until further after. The attack was random and they wanted to stop what was happening so they started to investigate it. They had made a plan and they further executed it and they ended up solving it in a while.