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?

Encrypts all data files, makes files unreadable and inaccessible, knocks out all computers, it’s a cyber assault

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

It affects all of the files and documents in your computer or device, the files will be inaccessible and an hacker is behind all of this, attacking your computer with codes and usually the criminal hacker will tell you to pay a specific amount of money through bitcoin and will only then give you the encryption code which will get your computer’s data back and normal

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

You could lose all your files and work

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

Backup your computer and never click on an unusual email which is not recognized by you

**Canadian Attacks (In The Past)**

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

In Oshawa, Ontario an hospital’s computers were attacked by a ransomware attack and all the computers in this large hospital Lakeridge Health were hacked, this cyber attack caused computers to go on downtime

1. How badly was Canada affected?

Pretty bad, computers in Oshawa’s hospital had to be closed

1. What other countries were affected?

Russia, Ukraine, India, Taiwan

1. Where did the attack come from?

The ransomware attack that happened in Oshawa came from China

1. Why was the attack started?

Ransomware attacks happen to hack people or countries like china or Russia will try to attack on Canada’s computers or government office computers for revenge

1. How was the attacked stopped?

Security experts investigate the ransomware attack and backup important files

**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.

A Canadian insurance firm Andrew Agencies was targeted in a ransomware

Attack in the city of Pensacola Fla a month ago by a hacker group known as

Maze.