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 computer virus.)

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

(Ransomware is a virus that is sent via link (probably email). The attack holds your files hostage until user gives the attacker what he wants.)

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

(All your files will be encrypted and there will be no why to get them because the attacker has the key. If you are on a network, they too will be affected.)

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

(Don’t click on random link on the internet, don’t open random spam mail, don’t join public Wi-Fi that have no password and all ways backup your files.)

**Canadian Attacks (In The Past)**

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

(Hospitals)

1. How badly was Canada affected?

(Canada was not affected at all. At most it was only hospitals.)

1. What other countries were affected?

(Ukraine, America and Italy.)

1. Where did the attack come from?

(The attackers are unknown.)

1. Why was the attack started?

(The attacks were started because of money/bitcoin.)

1. How was the attacked stopped?

(The attacks were stopped by disconnecting from the network and the internet.)

**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 attack happed to the Nunavut government. All the files were encrypted by the attackers. They government could access the encrypted files because the attackers had the key. The attackers were unknown and still are. The attack happed one week ago.