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?
   1. Ransomware is a direct attack from the hacker that takes your computer or device hostage for ransom
2. How does ransomwhare work and what does it affect?
   1. It’s usually like trojan where it’s hidden amongst files and when downloaded or accessed it infects your device and takes it as hostage but now a days it’s in e-mails(usually spam) where there’s a link attached and you click it and it takes your device hostage.
3. How could you be affected by a ransomware attack?
   1. All your precious data will be encrypted and the hacker and threatens to delete all the data unless you pay up and so all your precious pictures or your digital life could be gone unless you pay the hacker.
4. How can you protect yourself against a ransomwhare attack?
   1. You can protect yourself against the hacker in three way
      1. You can back up all your precious data constantly you don’t want to lose on a separate hard drive or on cloud
      2. You delete all spam e-mails or don’t touch them because spam e-mails is the new popular way that hackers use to lock your device
      3. You just get a strong anti-malware program and constantly scan your device and have web protection on

**Canadian Attacks (In The Past)**

1. What was affected in Canada in the articles above?
   1. Canadian hospitals were effected mainly Oshawa hospital because someone opened a spam e-mail and the virus locked down the whole entire hospitals data and asked for ransom in exchange for the data.
2. How badly was Canada affected?
   1. Canada was affected by the cyber attacks really badly as multiple companies and government agencies have been on lock down.
3. What other countries were affected?
   1. “Every country was effected by these cyber-attacks” said Matthew Tait
4. Where did the attack come from?
   1. It started in Russia as a small-time hack, but as more and more people found out it started to spread like a deadly disease infecting the whole world
5. Why was the attack started?
   1. It was started as profit machine by claiming that people will go to jail if they don’t pay overdue taxes when the victims don’t have overdue taxes but it used to take control of those with weak hearts but now it takes control of people with not that much info by sending the malware as a trojan.
6. How was the attacked stopped?
   1. The attacks were stopped by anti-malware programs and by people being more cautious about shady stuff and so with the profit decreasing so was the attacks.

**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.
      1. On Sunday morning Nunavut social government services were a victim to the cyber attack and all internet based services were shut down the hacker left a note in broken English which could potentially mean the attack was from outside the countries but the issue is still ongoing.