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?

* It like a virus site, if someone opens it even by mistake on his computer, while he is using a community computer like an employee using a computer in a hospital, and he comes across this issue, it won’t only effect his computer but will affect all the computers within the internet. And all the progress in the computer will be lost.

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

* How the ransomware work is that there is like virus link and if that link is being clicked, then that’s when ransom will do its thing.
* It effects all the technologies within the internet, mainly it is computers that being targeted.

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

* The effects of ransom attack are that all the storage within the technology will be lost that is being stored so far.

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

* You can protect your computer by doing the software update, which must be installed to protect against ransomware infections.

**Canadian Attacks (In The Past)**

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

* A hospital in Oshawa is among the tens of thousands of victims of an unprecedented ransomware cyberattack that's hit 150 countries in recent days.

1. How badly was Canada affected?

* It threatened the computer system of the hospital.

1. What other countries were affected?

* There were 150 other countries who were affected by this hack.
* Britain’s National Health Service was affected, which forced the hospitals to close wards and emergency rooms, and to turn away patients.
* Germany's national railway. And agencies around the world.

1. Where did the attack come from?

* The attack came from China, because Canada is currently in war with China on sending hacks to each other.
* It’s not like they are fighting with weapons or tanks etc.

1. Why was the attack started?

* [It targeted vulnerabilities in computer systems.](https://www.thestar.com/news/world/2017/05/13/as-nations-battle-cyberattack-damages-uk-focuses-on-restoring-hospital-systems.html)

1. How was the attacked stopped?

* They were the IT experts who continued to work on the problem with the aim of first fixing the computers in the ER and critical care departments.

**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.

Hackers have crippled the computer systems of three Ontario hospitals in recent weeks.

Prompting concern about the type of malicious software used and whether more

facilities may be at risk. Malware, known as Ryuk, which attacks computer networks but

remains invisible to average users for weeks or months. During that time, it collects

information about the organization and its perceived ability to pay a ransom. Ryuk then

locks files, and then demands the network owner to pay sum of money to make them

accessible again.