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 is a form of malware  that encrypts a victim's files.

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

The attacker then demands a ransom from the victim to restore access to the data upon payment. Users are shown instructions for how to pay a fee to get the decryption key. It affects all electronics linked to your network or account like your data, software etc.

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

In a network and by opening up unknown websites and emails and it could through all my electronics with the same network.

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

* Back up your data
* Download Antivirus app
* do not open or download any random unknown games, videos, pop up emails and websites

**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?

Canadians were affected by over 1,600 ransomware attacks per day in 2015.

A hospital in Oshawa got ransomware for their medical files.

1. What other countries were affected?

* The cyberattack has paralyzed computers and networks around the world, including the ones that run Britain's hospital network, Germany's national railway and scores of other companies and government agencies worldwide
* 150 countries

1. Where did the attack come from?

.it was widespread mainly from Europe

1. Why was the attack started?

Attacks like this one happen when a type of software seizes control of a computer, encrypting its contents and leaving them inaccessible

1. How was the attacked stopped?

The email providers pulled the plug

**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.

on November 3 2019 the government of Nunavut 's communications system was the victim of a ransomware attack early Saturday morning. Their IT system was hacked. all government services requiring access to electronic information are impacted," with the exception of Qulin Energy Corporation. A statement [posted to the government of Nunavut's Facebook page](https://www.facebook.com/GovofNunavut/posts/2531844160226848?__xts__%5B0%5D=68.ARBHDUBrkRWKSftvr1QaEDzVGTo0OJEX-gSZPfPuyTiRbvp9RZFsBIGSC2npCOLiTfp-3Xv5T-X1baYl6ZxMEOwvX4ihU79484VVMDtQYJKrJ53MHKvfdDeePb1bYtWYM3SdVvkqEM9i7BibQ-ZGhZJlLD-CRgx5MESku9wfz8vNd4vS1Kru7MPBY_EUHY1uTL7j9DEzxDUfUIUVuszwNywUJqW0XR9XXh_ftpJuvy5yIda97J1h4TGgn3PNXpZbXuhNX1SGocQGd7JmW-yuPa8fSgxjM1kIsUkO_T0MoANbzE5eTLYRTOsesZHDr7hM6ynLppFvpwj4N43kp5Z3Lg&__tn__=-R) Saturday afternoon confirmed that employees' access to their government accounts was compromised by "an issue with ransomware."