Unit 5 Activity

Steps you can take to make your computing infrastructure (e.g., routers, wireless network, firewalls) more secure. (You may need to plan on asking your parents for help or permission before using some of these things).

- Make your firewall more protective, by adding stricter policies to it. This will help keep intruders out of your WiFi connection.
- Make sure your home internet is password protected, and that the password is a **GOOD** password. Sometimes people will go and guess simple passwords on people's connections. By having a strong connection, this can be prevented from happening to you.

Software solutions you can implement to improve the security of your PC or laptop when you are checking your email, browsing sites online, etc.

- Use a VPN (which will encrypt your connection between you and your ISP). This keeps your internet traffic encrypted, which lowers the chance of it being intercepted by an attacker.

Behavioral solutions you can implement that display safe internet practices when checking your email, browsing sites online, shopping online, etc. (This should be represented by something like a list of "things not to do online" or a "best practices" list of instructions).

- When you pay for something online, make sure you trust the site you are purchasing from (because some sites can be fakes, which will in turn have you giving your finance information away to attackers).
- Make sure not to give out your personal information freely, only give it when it is needed (such as making a purchase, or registering for something). Again, if you give it out, attackers will take it and then target you.