

Cybersecurity Resources:

Keeping you, your computer, and your identity safe!

****Note:** this list is not exhaustive and there are always resources on the Internet available for you! Here is my starter list, covering a wide array of cybersecurity threat vectors to help your family's safety plan started.

- **Bits N' Bytes Cybersecurity Website:** www.bitsnbytes.us.com
 - Updated every week, Kyla and other professionals in the cybersecurity space take to the BN BCE blog to talk about managing cyber threats of today and trending topics in tech including privacy on social media, blockchain, fake news, and malware. The best part? We break it down so that anyone from the ages of 5-95 and above can understand the problem and solution at hand.
- **Have you been hacked?** [Have I Been Pwned](#)
 - Checks if your email and password has been compromised in any data breaches or in any pastes (someone has passed your information onto a website on the darknet for other hackers to use). Make it routine to do this every week, and make sure you immediately change your passwords if you see that you have been hacked.
- **Virus Scanner for downloads:** [VirusTotal: Check if there are viruses in your file](#)
 - Type in a link or upload a file and it will scan it against 64-100 security programs for malicious bugs or programs. You have to download the file first, but typically, a lot of malicious files actually run their "bad code" when the user first clicks to open the program: make sure you have dragged it into virustotal first. A good file/link would have all green checks and a few gray ones (gray is not bad, just means that checker timed out which is normal).
- **Website safety:** [Web of Trust: Chrome Extension](#)
 - Color codes websites that are ranked in your Google Search based on safety and if malware was detected
 - Click "Add to Chrome" for Chrome extension or "Add to Firefox" for the later. Extension that checks if the websites that come up on a Google search are safe or contain malicious software. Shows a green circle (meaning safe site), red circle (meaning unsafe), or gray (suspicious site). This does not interfere with work you are doing on the computer
- **Best Antivirus 2018:** <https://www.pcmag.com/article2/0,2817,2372364,00.asp>
 - PCMag, a reliable resource for Cybersecurity, ranks and explains each different safe antivirus software you will need. However, remember to download both a safe and secure anti-virus AND a secure anti-malware. It's best to have **both**!
- **Password strength:** <https://howsecureismypassword.net>
 - Before you make a new password, type it in to this website to check how long it would take for a hacker to obtain that phrase, based on length. Notice how the longer the password, the longer it takes for the algorithm to crack! Yes, make long passwords, but you can always use a password manager to help remember them!