

Create a POWTOONS account @ <https://www.powtoon.com/my-powtoons/>

Now, with a partner, and on 1 POWTOONS account, create the following presentation. Use an existing template (look under work – training/IT) and create a video about the Internet. Make sure each slide is 10-20 seconds max. So the total presentation is no more than 6 minutes. Export the PowToon's as a PDF and upload to my website and your Google Site under the HCI page.

*Be sure to discuss the following concepts:*

1. Discuss the evolution of the Internet. How did it start? How has it changed? What will it be like in the future?
2. Discuss the various broadband connections. Home? School? Phones? Does location matter?
3. Discuss the purpose of IP addresses and Domain names? Ipv4 versus ipv6
4. Explain Encryption. What is SFTP? What is HTTP/SSL
5. Discuss browsers and their features.
6. Discuss the WWW and specific sites/purposes. Explain how you could make money by creating a website.
7. Discuss ICANN (buying a domain name) and Web Hosting
8. Discuss Streaming sites like Pandora, Spotify, Youtube, etc..
9. Discuss Social Media sites like Facebook, Instagram. Snapchat, Reddit, Twitter
10. Explain the risks of using social networks & the benefits of using social networks
11. Discuss how you make money using social networks like YouTube, Instagram, etc..
12. Explain virtual reality. What fields are using it? [Here is an example is medicine](#) find others.
13. Explain other Internet Uses: What is VoIP? What is FaceTime? What is SKYPE?
14. Explain other Internet Uses: List a few examples of IoTs
15. Wireless Security: WEP versus WPA
16. Discuss the protocols for communicating online. What should you think about before you post? Search? Communicate?

### **Deliverables:**

- ✓ Save it InternetBothLastNames.pdf
- ✓ Upload to my website
- ✓ Upload to your google site under the HCI page.