

**Class Activity - Top Hacker Shows Us How It is Done**

# Objectives

Understand vulnerabilities of wireless and other common technologies

**Part 1: View the TEDx Video “Top Hacker Shows Us How It’s Done; Pablos Holman at TEDxMidwests” Part 2: Answer the following questions**

**Background / Scenario**

Nearly every “secure” system that is used today can be vulnerable to some type of cyberattack.

**Required Resources**

• PC or mobile device with internet access

**Instructions**

# Part 1: View the TEDx Video “Top Hacker Shows Us How It’s Done; Pablos Holman at TEDxMidwests”

1. Locate the video on the internet and watch it.
2. Choose one of the hacks discussed by Mr. Holman in the video and use your favorite search engine to conduct some additional research on the hack.
3. For the hack chosen in Step 1b, answer the questions below. Be prepared to share your work in a full class discussion.

**Part 2: Answer the following questions.**

Questions:

1. What is the vulnerability being exploited?

*Private information is being stolen from a short distant though the use of social engineering.*

1. What information, data, or control can be gained by a hacker exploiting this vulnerability?

*The threat actors can use many software tools and devices in order to control and gained access to any devices or personal information. The hacker has access to other people's login information, including passwords. He has total control since he can manipulate people's Wi-Fi networks using the Bluetooth antenna that is affixed to the fake rifle.*

1. How is the hack performed?

*The method that hacker do is that with the aid of a long-range password sniffing tool, the attack was conducted. From a kilometer away, it can keep an eye on your Wi-Fi network. This application can be used to gather passwords from any connected device.*

1. What about this particular hack interested you specifically?

*This particular malware catches my eye since it contains a number of cutting-edge techniques for obtaining passwords by focusing on people's Wi-Fi.*

1. How do you think this particular hack could be mitigated?

*This exploit could be made less damaging by using close-range targets inside a 2-kilometer distance. Towns and cities are less likely to be accessed by it.*

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