

Cyber Self-Defense – Lesson Plan

Lesson Summary

Students will learn about the safe use of social media.

Time Allotment

Three to four class periods

Learning Objectives

Students will be able to explain how to use social media safely.

Students will be able to identify the cyber security first principle of least privilege.

Supplies

Personal computing device (PC, Chromebook, laptop, etc.) with access to the Internet and ear buds.

Multimedia resources

<https://www.takethislollipop.com>

<https://www.howsecureismypassword.net>

<https://www.sos.fbi.gov>

http://www.pbs.org/wgbh/nova/labs/video_popup/5/34/

Learning Activities

- **Engage** – Students will watch the creepy Facebook stalker video
- **Explore** – Students will explore the positive and negative aspects of using social media websites including Facebook, Snapchat, Instagram,, Twitter, Pokemon Go, LinkeIn. Students will construct a pro/con chart.
- **Explain** – Discuss the best practices for keeping your social media private and secure. Address threats, theft, and scams.
- **Elaborate** – Play the game Cyber Surf Island. “The goal of the FBI SOS is to promote cyber citizenship and help students learn about online safety”. Each teacher is assigned a unique URL and each student is assigned an access key. The Nova Labs video “A Cyber Privacy Parable” is a good review video on a subsequent day of instruction.
- **Evaluate** - After completion of all the Cyber Surf Island activities, there is an exam that each student will take using their access key.

Technology Education – PASS Standards

Standard 12: The student will apply safe and proper use of tools, machines, materials, processes and technical concepts.