



LET'S GO PHISHING

Lesson Description: Internet safety in a digital world is gaining importance everyday. This lesson will expose the students to internet scams, phishing and identity theft. This is not a topic that middle school students typically think about.

Prerequisite Knowledge: There is no prerequisite knowledge necessary for this lesson.

Length of Completion: This lesson should be able to be completed in (2) 40 minute class periods.

Level of Instruction: This lesson is designed for middle school aged students in 7th or 8th grade.

Applicable Concepts:

GenCyber Cybersecurity Concepts

Availability

Defense in Depth

Confidentiality

Think Like an Adversary

Integrity

Keep it Simple

New York State K12 Computer Science and Digital Fluency Learning Standards:

7-8.CY.1 Describe physical, digital, and behavioral safeguards that can be employed in different situations.

7-8.CY.2 Describe trade-offs of implementing specific security safeguards.

7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts.

7-8.DL.6 Explain the connection between the persistence of data on the Internet, personal online identity, and personal privacy



Resources that are Needed: The following items will be needed for the lesson:

- [Phishing Slide Deck](#) (commonsense.org)
- [How Phishing Prone are You Quiz](#) (www.phishing.org)
- [How to Catch a Phish Worksheet](#) (commonsense.org)
- [Scams and Phishing Activity](#) (testdrive.com)
- [Phishing Assignments](#)

Accommodations Needed: Accommodations in accordance with IEP and 504 plans will be in place.

LEARNING OUTCOMES

STUDENTS WILL BE ABLE TO:

- IDENTIFY ONLINE SCAMS
- EXPLAIN HOW TO PROTECT YOURSELF FROM PHISHING AND SCAMS
- IDENTIFY STRATEGIES THAT ONLINE SCAMMERS USE TO GAIN ACCESS TO PRIVATE INFORMATION

LESSON DETAILS

Interconnection: This lesson will be part of a digital citizenship and footprint unit exploring the concept of internet safety.

Assessment: Students will create a video PSA using Flip explaining the threat of Phishing and how to protect yourself online.

[Phishing Assignments:](#)

Extension Activities: (Verdana, 12 pt., Bold) Students will create infographics/posters/flyers to post in school to increase awareness of phishing and internet safety

Differentiated Learning Opportunities:

LESSON (*Century Gothic, 14 pt. White, Italic*)

Lesson 1 Details: For lesson 1, please describe:



Warm Up: The students will be sent to [Phishing | How Phish-prone Are You?](#) quiz on the phishing.org website. Here, they will start to explore what phishing is and see examples.

Lesson: The lesson will be using slides from commonsense.org called "*Don't Feed the Phish.*" The students will be examining common phishing scams and ways to protect themselves online. They will learn about the following concepts that relate to phishing:

- phishing
- spear phishing
- email scams and phishing
- malware and trojans