



CYBER SECURITY BOOT CAMP

Identity

Session 2



YELLOW CIRCLE INC
PO Box 2383
Elk Grove, CA 95759-2383

Teacher Lesson Plan

Session Name:

Identity

Summary:

When the Internet was created, the developers had no idea of the direction it would take. The Internet we use today is very different from earlier versions. Therefore, the Internet is fundamentally insecure, which also changes how we manage and secure our real identity. Your real identity and online identity may be vulnerable to outside sources. However, there are some simple things you can do to protect yourself and your information.

Time Allotment:

75 minutes

Learning Objectives:

- *Define Identity (Personal & Virtual)*
- *Identity Theft*
- *Explore common online phishing Scams*
- *How to secure your Identity*

Supplies:

- *Scrap paper / notepad to take notes*
- *Laptop / computer with Internet access for research activities*

Learning Activities:

- **(2 - 5 minutes) - Teacher Introduction**

Introduce yourself to students if you are new to the classroom. If you are continuing from a previous session, start with welcome back.

- **(2 - 5 minutes) - Volunteers Introduction**



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Introduce any new volunteers that might be present. Teachers will be provided with a quick bio of each volunteer who are helping in the classroom. Only new volunteers need to be introduced.

- **(5 minutes) - Session overview**

Give students overview personal identity: First Name, Last Name, Gender, Date of Birth - and what is "Internet Persona" or digital identity: username, email address, twitter account, facebook account. This session also explores the importance of protecting our real and digital identities, as both play a major role in getting a loan, finding friends online, establishing real property ownership, and access to bank accounts. Use examples in reference to how a hacked virtual identity can impact a person's real identity.

- **(5 minutes) - Movie trailer / Identity Thief**

<https://www.youtube.com/watch?v=uO12W35DpsQ>

- **(5 minutes) - Video Discussion**

Discuss with students what has happened to Sandy Peterson

- *Victim is male, suspect is female*
- *Credit cards, shopping spree*

- **(10 minutes) - Personal Identity / Real Identity**

- *Legal name of a person - First Name + Last Name*
- *Social Security Number*
- *Home address / phone number*
- *Biometrics - height, weight, gender, color of eyes, color of hair*
- *Identity documents - SSN card, Driver's' License, Passport, Birth Certificate, Vehicle Title, Property Deed, Credit cards*

- **(4 minutes) - Video: A Cyber Privacy Parable**



<https://www.youtube.com/watch?v=H0I7jQb37bo>

- **(15 minutes) - Virtual Identity**

Internet identity or Internet persona - is a social identity that an Internet user establishes in online communities and websites. It can also be considered as an actively constructed presentation of oneself. Although some people choose to use their real names online, some Internet users prefer to be anonymous, identifying themselves by means of pseudonyms, which reveal varying amounts of personally identifiable information. An online identity may even be determined by a user's relationship to a certain social group they are a part of online. Some can even be deceptive about their identity.

Some examples include:

- Instagram username
- Email account
- Twitter handle
- SnapChat account name
- XBOX / PlayStation - GamerTag

Explain Catfishing / Impersonation - is a way for a user to create a fake online profile, sometimes with fake photos and information

- **(3 minutes) - Video : Manage Your Online Reputation**

<https://www.youtube.com/watch?v=w7qEbPVw3hA>

Discuss geo-tagging (ask students)

- **(5 minutes) - Student activity: How to manage online reputation**

Using internet, students to research 3 simple ways to manage their online reputation

- *Remind students that many colleges now review students social media profiles before making offers*
 - *Students can take notes using scrap paper provided*
- **(5 minutes) - Lab: Finding public information on a celebrity**

Using internet, students to research a friend or celebrity (suggestions: basketball player, movie artist, George Lucas) to find:

 - *Where they live*
 - *Where did they go to high school*
 - *Recommend Wikipedia as their research tool*
- **(5 - 10 minutes) Closing / Wrap-up**
 - *Protect, protect, and then protect yourself - name, address, SSN.*
 - *Online Identity - is also you.*
 - *It matters what you say on social media to: community, parents, teachers, schools*
- **(2 minutes) - What's next?**

Inform students to head back to cafeteria for lunch break, and remind them to use restroom before next session starts.