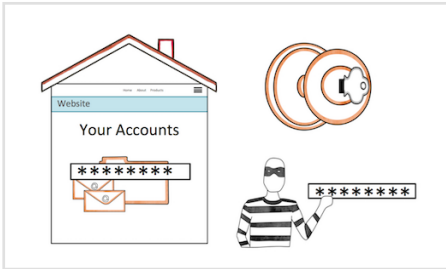


Lesson Plan

This lesson plan is designed to help you teach using a Common Craft video. Use the information below to introduce the video and then follow the video with discussion questions and other resources.



commoncraft.com/video/account-security

ISTE Standard:
Digital Citizen Indicator 2d

Account Security

Explained by Common Craft

From email to bank accounts and healthcare information, much of our sensitive information now lives online. Along with strong passwords, there are many ways to prevent access to this information.

Learning Outcomes

- Summarize the risk of others having access to your accounts
- Identify three ways to be responsible with login information
- Describe two-step verification and how it can help protect access to your accounts
- Explain how a password manager can protect access to your accounts

Discussion Questions

Q #1

What do you think are the advantages and disadvantages of using a password manager?

Q #2

How might a compromised account affect your life?

Knowledge Check Q&A

Q

What are features of strong and secure passwords?

A

They use a combination of eight or more letters, symbols, and numbers that are difficult to guess. Don't include your username or references to the website.

Q

Besides creating a secure password, how else can you keep your account secure?

A

1) Hide your password in a safe location. 2) Be careful to log out when using a shared or public computer. 3) Be careful when allowing a website to remember your password.

Q

What is two-step verification?

A

It is a service offered by many websites that can protect access to your account by requiring you to provide two types of information (a password and a verification code you receive on a device) when you log in to the website.

Q

What is a password manager?

A

It is a service or app that lives on your computer or phone that provides unique, secure passwords for every website you use.

Resources for Learning More

The Guardian

Alex Hern

“Eight things you need to do right now to protect yourself online” 12/15/16

<https://www.theguardian.com/technology/2016/dec/15/protect-passwords-two-step-verification-encryption-digital-life-privacy>

Irish Times

Alex Hern

“How to beef up security on your online account” 12/4/16

<http://www.irishtimes.com/business/technology/how-to-beef-up-security-on-your-online-accounts-1.2892689>

Forbes

Laura Shin

“Hackers have stolen millions of dollars in bitcoin-- using only phone numbers,” 12/20/16

<http://www.forbes.com/sites/laurashin/2016/12/20/hackers-have-stolen-millions-of-dollars-in-bitcoin-using-only-phone-numbers/#6ef3c7c922db>

Wired

Mat Honan

“How Apple and Amazon security flaws led to my epic hacking,” 8/12/16

<https://www.wired.com/2012/08/apple-amazon-mat-honan-hacking/>