

"The Internet Starts with I" Lesson Plan | Middle School

I Protect My Accounts & Devices

Lesson Goal:

I can create a secure passphrase.

Estimated Time:

20-25 Minutes

Materials and Resources:

First page of ConnectSafely [Secure Passwords Quick-Guide](https://bit.ly/39JW94e) (https://bit.ly/39JW94e)
Students can write on paper, personal whiteboards, or paper. Alternatively, students can type their passwords on a device.

Activity Procedure:

1. Review the content of the ConnectSafely Secure Passwords Quick-Guide using one of these strategies:
 - Teacher reviews the first page of ConnectSafely Secure Passwords Quick-Guide. Encourage students to ask questions and share their own answers to one another's questions about why secure secret passwords are important. If they need help coming up with answers, remind them that passcodes and passwords give access to all of the photos in their devices, all of their communications with other people, anything they have created or made in the past on any device or account... both personal and in school.
 - Students review the first page of ConnectSafely Secure Passwords Quick-Guide in breakout rooms or small groups. As they read they take notes to bring back to a large group discussion. Their notes should be in two categories:
 - Why are strong secret passwords important? What do they protect?
 - What questions do we have about the information on this quick-guide?
2. Password and Passphrase?: Challenge small groups of students to come up with two options that are secure. Encourage students to use school-appropriate words, but have fun with this!
 - Longer is Better: After reviewing this section of the ConnectSafely Secure Passwords Quick-Guide, the group should come up with a passphrase that meets the criteria described there. (The example there is YellowChocolate#56CadillacFi\$h. The students should come up with their own example and be able to describe how they came up with it.)
 - Diversify Characters: After reviewing this section of the ConnectSafely Secure Passwords Quick-Guide, the group should come up with a passphrase that meets the criteria described there. (The example shared there is Mf\$J1ravng. The students should come up with their own example and be able to describe how they came up with it.)

3. If there is time, have groups share their passphrase inventions and explanations for how they created them together. Be sure to mention that this is an exercise to practice making secure passphrases. Therefore, students should not use these passphrases for their own accounts. They should make new unique passphrases for those.

Extension to Parents Share what your students learned and encourage parents to reinforce these concepts at home. See saferinternetday.us/lesson-plans (<http://bit.ly/2Y84vgF>) for a suggested email template you can adapt.



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