



AACPS Digital Citizenship

Lesson Title: Making a Great Password

Grade 4

Time: 30 minutes

Overview: Enhance the ability of children to protect their personal information on the Internet.

Objectives: Students will learn to never to share personal information such as address, telephone number, parents' or guardian's work address/telephone number, or the name and location of their school without parental or guardian consent.

Materials:

- computer connected to an LCD
- "UYN: The Password Rap" video
- Making Password handout
- whiteboard and markers, or chalkboard and chalk

Extension:

- Password Game Board
- Number Cubes

Maryland Technology Literacy Standards for Students (MTLSS)

Standard 2.0–Digital Citizenship:

Students will demonstrate an understanding of the history of technology, its implications on society and practice ethical, legal, and responsible use of technology to assure safety.

Activities:

- Show "UYN: The Password Rap" and invite the children to sing along. Tell the children that there are two more ways to make their passwords stronger. Mention that Clicky talks about both of them, and see if anyone can name them. Answers include mix it up and make a song. Say to students, you can choose just one word (with numbers) to be your password, but you can also choose a group of words, a rhyme, sentence, or words to a song. Take the first letter of each word and use THAT for your password.
- Write the sentence "Pickles And Mayonnaise Is My Favorite Ice Cream" on the whiteboard. Capitalize the first letter of every word. What would the password be for this sentence?
- Circle the first letter of every word as the kids point them out and read the letters aloud. Now let's try a rhyme, "Mayonnaise And Pickles Makes Me Tickle." MAPMMT. Have a few students make up their own passwords.
- Point out that Clicky put numbers in the middle of his password by replacing the words "one" and "two" with the numbers 1 and 2.
- Distribute the handout *Making a Great Password* and explain that it is kind of like a cheat sheet: it has the basic guidelines for making a strong password, and a place for them to create a strong password. Suggest that students show this sheet to their parents

or guardian and have them help them create a strong password.

Closure: Ask students to identify ways to create a great password. Discuss why it is important to have a safe password.

Extension: Students may play the *Password Game* to review creating a great password.

MAKING A GREAT PASSWORD

Making up a strong, safe password is one of the best things you can do to help keep yourself safer on the Internet. Your password protects your personal information.

1. Make sure your password is 8 characters long and has letters **AND** numbers.
2. Make sure it **DOESN'T** include any personal information, like your
 - name
 - age
 - address, street, or town
 - school name or mascot
 - pet's name
3. You definitely **DON'T** want your password to be something so complicated that you are always forgetting it. Make a rap, rhyme, or song to remember it.
4. This password is **ONLY** for you and your parents or guardian. Letting people have your password is like giving them a key to your house.

Use this sheet to think of awesome passwords with your parents or guardian.

The most important thing is, if nobody can guess your password, then nobody can steal it! Now get to work.

Name _____
Date _____

Password Game

Take turns rolling a number cube. Move the number of spaces you roll.
If you land on a space with directions, follow them. The first to Finish wins!

