

Secret Codes of Safety

Cyber Safety Lesson Plan (Age 8)

This lesson educates students on the importance of creating strong passwords to protect their digital world. It introduces basic rules of password security and how to construct strong passwords for online accounts.

Learning Objectives

Students will be able to:

- Create strong and secure passwords for their online accounts.
- Recognise the importance of keeping passwords confidential.

Duration


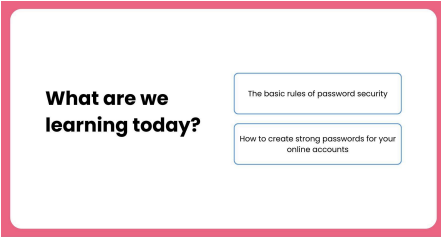
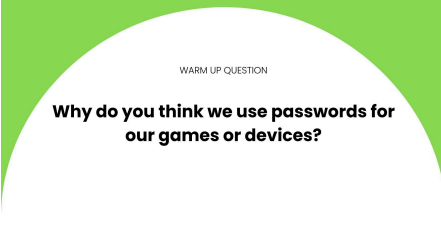

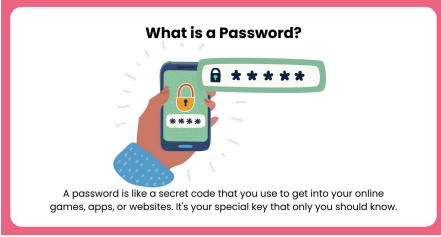
30 minutes

Key Concepts

- **Password:** A secret combination of letters, numbers, and/or symbols used to access and protect personal accounts and information.

Internet Independent Framework

The learning objectives in this workshop are aligned with the Privacy and Information Security pillar of the Internet Independent Framework. Visit cyberlite.org for more information.

LESSON SLIDE	WHAT TO SAY OR DO
 <p>Lesson 08.02.01 PRIVACY & INFORMATION SECURITY Secret Codes of Safety Creating strong passwords for your digital world</p> <p><small>Cyberlite CYBERLITE.ORG 2023-2024. All Rights Reserved. For 2023-2024. All Rights Reserved.</small></p> <p>Slide 1</p>	<p>Welcome students to the lesson and briefly explain that today's lesson is about the role of passwords in protecting our online spaces.</p>
 <p>What are we learning today?</p> <ul style="list-style-type: none"> The basic rules of password security How to create strong passwords for your online accounts <p><small>Cyberlite CYBERLITE.ORG 2023-2024. All Rights Reserved. For 2023-2024. All Rights Reserved.</small></p> <p>Slide 2</p>	<p>Share the lesson objectives of what students will be learning today.</p>
 <p>WARM UP QUESTION</p> <p>Why do you think we use passwords for our games or devices?</p> <p><small>Cyberlite CYBERLITE.ORG 2023-2024. All Rights Reserved. For 2023-2024. All Rights Reserved.</small></p> <p>Slide 3</p>	<p>Engage students by discussing why passwords are necessary for devices and online accounts, highlighting the idea of protection and privacy.</p>
 <p>Password</p> <p>A secret combination of letters, numbers, and/or symbols used to access and protect personal accounts and information.</p> <p><small>Cyberlite CYBERLITE.ORG 2023-2024. All Rights Reserved. For 2023-2024. All Rights Reserved.</small></p> <p>Slide 4</p>	<p>Explain what a password is, and how it is used to protect our online accounts.</p>
 <p>What is a Password?</p> <p>A password is like a secret code that you use to get into your online games, apps, or websites. It's your special key that only you should know.</p> <p><small>Cyberlite CYBERLITE.ORG 2023-2024. All Rights Reserved. For 2023-2024. All Rights Reserved.</small></p> <p>Slide 5</p>	<p>Explain passwords as secret codes or keys that protect our online information and accounts, using relatable analogies such as keys to a treasure chest.</p>



Slide 6

Discuss the significance of passwords in keeping personal information, such as game scores or messages, safe from unauthorised access.



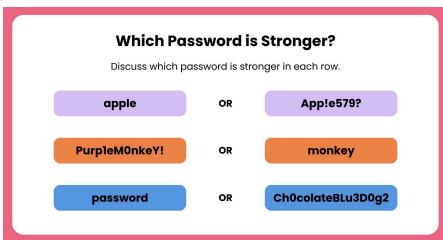
Slide 7

Use the analogy of a house key to explain how passwords protect our digital 'homes' from intruders.



Slide 8

Introduce guidelines for creating strong passwords, emphasising length, complexity, and uniqueness. Highlight common mistakes to avoid, such as using easily guessable information and sharing passwords with friends.



Slide 9-10

Facilitate a discussion on the strength of different passwords, encouraging students to identify which passwords are stronger and why, reinforcing the rules discussed.



Announce an activity where students will practise creating their own strong passwords.

Slide 11

What You'll Need

- Paper or notepad
- Pencil or pen

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Gather the necessary materials to start the activity.

Slide 12

Instructions

1. Write down your favourite ice cream flavour and animal in one line on your paper.

Make sure there are at least 12 letters!

Example

RaspberryRabbit

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Guide students through the steps of creating a strong password using a fun and interactive method. First start by asking students to write down their favourite ice cream flavour and animal in one line.

Slide 13

Instructions

2. Replace vowels with the following symbols or numbers:

REPLACE	WITH THIS
A	@
E	3
I	!
O	0
U	?

Example

RaspberryRabbit

↓

R@spb3rryR@bb!t

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Instruct students to rewrite the phrase, but replace the vowels to the symbols.

Slide 14

Instructions

Great job, you've just created a **long and strong password!**

R@spb3rryR@bb!t

Remember to create new passwords for each online account, and never share it with your friends!

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The instructions will lead students to create a long and strong password. Remind students to use different combinations of words to create new passwords for different accounts.

Slide 15

WRAP UP

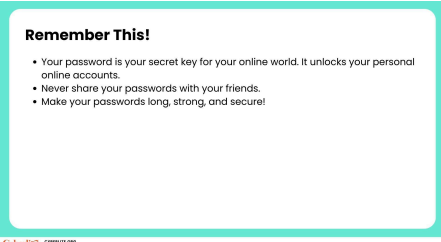
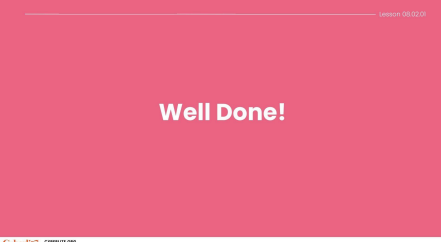
What have you learned today?

Let's reflect on today's lesson.

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Invite reflections on the day's lesson, asking students to share what they've learned about password security.

Slide 16

 <p>Remember This!</p> <ul style="list-style-type: none">• Your password is your secret key for your online world. It unlocks your personal online accounts.• Never share your passwords with your friends.• Make your passwords long, strong, and secure! <p><small>CyberLITE CyberLITE.ORG 2023-2024 © Cyberlite Books Pte. Ltd. All Rights Reserved.</small></p> <p>Slide 17</p>	<p>Emphasise the importance of strong, secure passwords as the foundation of online safety, and remind them never to share passwords with others.</p>
 <p>Well Done!</p> <p><small>CyberLITE CyberLITE.ORG 2023-2024 © Cyberlite Books Pte. Ltd. All Rights Reserved.</small></p> <p>Slide 18</p>	<p>Congratulate the students for their thoughtful participation and remind them to create long and strong passwords.</p>