

RC CyberEdge



Day 2: Strong Passwords and Online Safety

A Cyber Heroes Activity





Day 2: Strong Passwords and Online Safety

Lesson:

- The importance of strong passwords.
- How to create strong and memorable passwords.
- Recognizing safe and unsafe websites.

Activity: Password Puzzle Race

- Students must assemble strong passwords from mixed-up letter and symbol tiles.

Detailed Instructions for the Game:

1. Prepare the Tiles:

- Create, or use the provided, tiles with a mix of uppercase and lowercase letters, numbers, and symbols (e.g., !, @, , , , *Ensure you have enough tiles to create several strong password combinations.*

2. Divide into Teams (Optional):

- If you have a large class, divide students into teams.

3. Explain the Objective:

- Teams or individuals must create strong passwords using the provided tiles as quickly as possible.
- Emphasize the rules for strong passwords: mix of characters, length, etc.

4. Set the Rules:

- Passwords must meet specific criteria (e.g., at least 8 characters, mix of character types).
- Use only the provided tiles.
 - Time limit for the race.

5. Start the Race:

Signal the start of the race.

6. Judge the Passwords:

- Review the created passwords for strength and compliance with the rules.
- Award points or prizes based on speed and password strength.

7. **Debrief:** After the game, discuss:

- What makes a strong password?
- What are some good strategies for remembering strong passwords?
- Why is it important to use different passwords for different accounts?
- How can we identify safe websites?

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Password Puzzle Tiles

a	B	q	R
c	D	s	T
e	F	u	V
g	H	w	X
i	J	y	Z
k	L	1	2
m	N	3	4
o	P	5	6

7	8
9	0
!	@
#	\$
%	
&	*
()
-	