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#CSPDWeek2026

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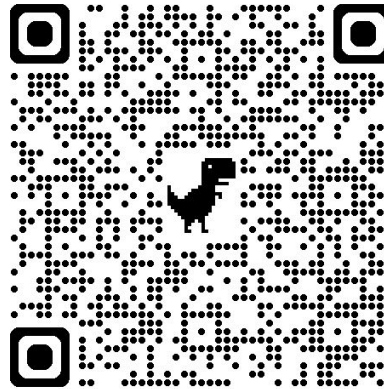
New Jersey CSPDWeek

This material is based upon work supported by the National Science Foundation under Award No. 2607763.

S.O.S. Safe Online Surfing

Grades 3-8

Kara Keefe



Introduction

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The Pillars of Cyber Safety

Defend Identities

See exactly how automated software guesses weak passwords in seconds. This highlights why complex passphrases and multi-factor authentication (MFA) are non-negotiable tools.

Academic Resilience

Learn proactive digital responsibility. Regular backups ensure that a single hardware crash, lost device, or ransomware attack never permanently destroys your hard work.

Navigate Safely

Demystify how firewalls block invisible digital threats. This explains why school network restrictions exist and why extreme caution is required on public Wi-Fi.

Cultivating Digital Citizens



Shift Perspectives

Transition from being vulnerable technology consumers into responsible, proactive technology users.



Empower Protection

Equip yourself with the practical skills needed to secure personal data and protect digital identities everywhere.



Secure the Ecosystem

Understand that cybersecurity is a team effort. Your safe habits directly defend the broader school network.



Tips for making a good password

Choose a phrase

Think of a sentence or a song lyric.

Use the first letter of each line of the song.

Capitalize some of the letters.

Add a number.

Add a special character.

“Karma’s a relaxing thought, aren’t you envious for you it’s not”

kartayefyin
kar**T**ayefyi**N**

karTayEfy**1**

N@rTayEfy1N

Tips for making a good password

4 random words

Choose 4 **random** words.

Put them together

Add punctuation (special characters).

Add or substitute a number

pizza dance lion lettuce

pizzadancelionlettuce

pizza!dance!lion?lettuce.

pizza!dance!1ion?lettuce.

Let's Check Your Password

How long would it take for a brute force attack to guess your password?

k@rTayefy1N

pizza!dance!1ion?lettuce.

How Secure Is My Password?

🟢 The #1 Password Strength Tool. Trusted and used by millions.

It would take a computer about

4 hundred years

to crack your password

How Secure Is My Password?

🟢 The #1 Password Strength Tool. Trusted and used by millions.

It would take a computer about

10 octillion years

to crack your password

Common Sense Media

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 Lesson plans for Internet Safety
Lesson for Grades K-12



Videos and Printable Worksheets

CodeAI

 Uses Common Sense Media
Lessons for each Grade level.



Customized content for each
Grade level

Netsmartz & NetsmartzKids



Middle & High School

Interactive, age-appropriate videos and activities designed specifically for teens and pre-teens.

Created by the National Center for Missing & Exploited Children



Younger Students

Engaging videos, stories, and presentations tailored for younger children to understand online safety.

- **Games & Activities**

Be Internet Awesome



Lesson Plans & Activities

Ready-to-use Google Slides (with Pear Deck support) and robust, printable activities for teachers.

- [Classroom Resources](#)



Play-Based Learning

An interactive online adventure game that helps kids practice the key lessons of digital safety and citizenship.

- [Interactive Challenges](#)

Other Resources

[Lego Digital Safety](#)

[Nova Cybersecurity Lab](#)

[Cyber.org](#)



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