CS4ALL Cybersecurity Virtual Workshop

WEB SECURTY

CS4ALL in Western New York

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BUFFALO STATE
The State University of New York
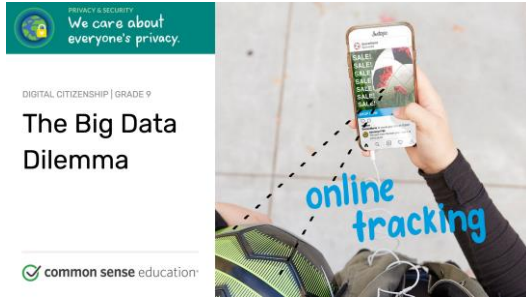

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Topics

🔐 **Lesson Plans**

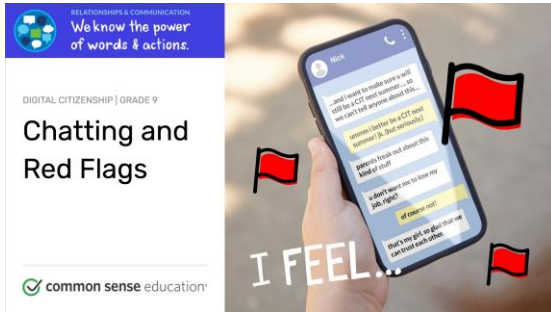🔐 **Quizlet – Web Security Flash Cards, Tests, and Teacher Resources**

🔐 **Resources**

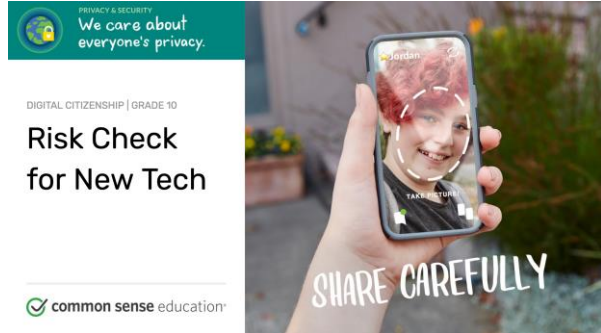# 9th Grade Lesson Plans for Internet Security

PRIVACY & SECURITY
We care about everyone's privacy.

DIGITAL CITIZENSHIP | GRADE 9

The Big Data Dilemma

common sense education

- What are the benefits and drawbacks of online tracking?
- Many of us are aware that we're being tracked when we go online. It's one of the ways our favorite websites and apps know how to recommend content just for us.
- But how much information are companies actually collecting?
- And what are they doing with it?
- Digging into the details can help us make smart decisions about our online privacy and how to protect it.

🔐 How can you tell when an online relationship is risky?

🔐 Getting to know someone online, without nonverbal cues or being able to see them, can be risky -- from simple misunderstandings to manipulation.

🔐 Help students navigate and avoid these situations before they go too far.

10th Grade Lesson Plans for Internet Security

PRIVACY & SECURITY
We care about everyone's privacy.

DIGITAL CITIZENSHIP | GRADE 10

Risk Check for New Tech

common sense education

SHARE CAREFULLY

- 🔒 **What privacy risks do new technologies present, and how do we decide if they're worth it?**
- 🔒 **New tech, like location services and smart devices, helps make our lives easier and opens opportunities that didn't exist before.**
- 🔒 **But these innovations also come with a cost -- especially to our privacy.**
- 🔒 **Help students consider the benefits and drawbacks of these new technologies -- and decide whether they're ultimately worth it.**

- 🔒 How can I make sure my relationships are positive and healthy?
- 🔒 "It's complicated" can describe many of our relationships with others, both romantic and otherwise. Add digital devices and social media to the mix, and things get complicated even further.
- 🔒 Help students take the first step toward building healthy and rewarding friendships and romantic relationships, both online and off.

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11th Grade Lesson Plans for Internet Security

- At what age should people be allowed to use social media?
- Kids have to be at least 13 to sign up for most social media platforms. But we know that many tweens work around the restriction.
- In doing so they can connect with peers and have fun, but they're also vulnerable to a number of risks
  - mainly overuse and challenges to their social-emotional health.
- Reflecting on age-appropriate content and behaviors can help students think through social media's effects on all of us, regardless of our age.

12ᵗʰ Grade Lesson Plans for Internet Security

- Should the government have access to all your social media and cellphone data?
- Often, the more information we have, the better decisions we're able to make. The power of data can benefit both individuals and governments.
- But who can be trusted with the responsibility of having all this data?
- Can governments collect and use it fairly and without violating our privacy?
- Help students think through this question and become thoughtful influencers of data policy and practice.

Internet Security Quiz

🔐 **ProProfs Quizes**

https://www.proprofs.com/quiz-school/story.php?title=internet-security-quiz

Quizlet Web Security Resources

🔐 **Quizlet.Com Resources**

https://quizlet.com/subject/web-security/

Resources

- **common sense education**
  https://www.commonsense.org/education/articles/23-great-lesson-plans-for-internet-safety

- **ProProfs Quizes**
  https://www.proprofs.com/quiz-school/story.php?title=internet-security-quiz

- **Quizlet.Com Resources**
  https://quizlet.com/subject/web-security/

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