



IT: Emerging Technologies

How do individuals and organizations prevent cybersecurity threats? Learn from experts why hacks happen, consequences of breaches, tools to minimize risks, and responses to breaches. Industry experts make real connections to information technology standard IT 6.5.

Event Date & Time:

February 17, 2021

10:00 AM - 10:30 AM

Event Components:

- Small panel with focus on careers in the cyber security field.
 - Questions covered during the event:
 - Describe the consequences of cyber security breaches.
 - How do companies or organizations respond to a breach?
 - Why do “hacks” happen?
 - What tools minimize cyber security risks?
 - What are emerging occupations in this field?
 - What are some classes students should take to explore a possible path in cyber security?
 - Please submit additional questions in the chat during the live event or during registration.

Service Area:

Information Solutions

Audience:

9th - 12th Grade Information Technology & Computer Science

Students in grades 5-14 interested in careers in information technology

Middle School Exploratory Computer Science or Information Technology

State Standards Covered:

Information Technology - Information Support and Services

- IT 6.5 Understand best practices in regards to cyber security.
- IT 6.5 1 Explain why hacks happen.
- IT 6.5.2 Understand the consequences of Cyber Security breaches.

Example Assessments:

Use the information presented to write or discuss best practices in cyber security.

OR IT IT 1.8.1 Research recent security events that have affected the workplace and discuss their impact.

