



Module C Overview

Portfolio Overview

Audience: Administrators, Teachers | Grades 8-12

Purpose

- The Cybersecurity & Digital Ethics Starter Kit helps students understand everyday security risks, responsible digital behavior, and career-connected cybersecurity concepts. Students practice spotting suspicious messages, protecting accounts, reflecting on digital footprints, and discussing the role of AI in cybersecurity without engaging in unsafe or offensive hacking activity.

Standards summary

- This resource may support CSF 3.1, CSF 13.1, CSF 14.1, CSF 14.2, CSF 14.3.
- Detailed alignment depends on local district pacing, approved course placement, and teacher directions.

Module Purpose

The Cybersecurity & Digital Ethics Starter Kit helps students understand everyday security risks, responsible digital behavior, and career-connected cybersecurity concepts. Students practice spotting suspicious messages, protecting accounts, reflecting on digital footprints, and discussing the role of AI in cybersecurity without engaging in unsafe or offensive hacking activity.

Administrator-Facing Value

- Provides student-safe cybersecurity instruction for grades 8-12.
- Connects digital citizenship to Computer Science Foundations and cybersecurity pathway readiness.
- Supports privacy, data security, academic integrity, and responsible technology habits.
- Introduces cybersecurity careers and real-world technology decision-making.
- Keeps activities defensive, ethical, age-appropriate, and classroom-safe.



Included Resources

#	Resource	Use
01	Lesson Plan: Spot the Phish	Full 45-60 minute lesson
02	Password Strength Activity	Student activity and reflection
03	Digital Footprint Reflection	Student-safe privacy reflection
04	Cybersecurity Careers One-Pager	Career awareness resource
05	AI + Cybersecurity Discussion Prompt	Discussion guide and scenarios
06	Teacher Implementation Guide	Mini-unit implementation support
07	Video Walkthrough Script	Short direct-to-camera script



Detailed Tennessee Standards Connection

Tennessee Standards Connection

This overview connects the starter kit to data security, security breaches, security practices, digital ethics, and career exploration.

Standards source: Tennessee Department of Education, Computer Science Foundations (C10H11), May 2023. Confirm final alignment against local district pacing, approved course placement, and teacher directions.

This resource may support the following Tennessee standards when used as part of cybersecurity, digital ethics, computer science, AI literacy, or career-connected technology instruction:

- CSF 3.1 - Occupations: Students research information technology occupations, work activities, tools and technology used, work environments, and knowledge and skills needed for success.
- CSF 13.1 - Social, Legal, and Ethical Issues: Students research social, legal, and ethical issues encountered by IT professionals and identify responsibilities when addressing technology problems.
- CSF 14.1 - Data Security: Students explain why data security is a priority and demonstrate understanding of confidentiality, availability, and integrity.
- CSF 14.2 - Security Breaches: Students demonstrate understanding of security breaches, enterprise-level security, encryption, protocols used to secure websites, and privacy considerations.
- CSF 14.3 - Security Practices: Students identify security practices for computer and network systems, including access control, encryption techniques, BIOS features, and malware response strategies.

Use guidance

- Confirm final alignment against local district pacing, approved course placement, and teacher directions.
- Keep instruction defensive, ethical, age-appropriate, and classroom-safe.