Cybersecurity
Cyber Detectives

Inspiring the Future of STEM

Cybersecurity: Cyber Detectives

Our "Cyber Detectives" program teaches students how to stay safe online, protect their digital footprint, build confident digital habits, and recognize when to seek help from a trusted adult.

Program Description

- **Digital Footprint Protection:** Safeguard personally identifiable information and understand when it's safe to share.
- **Spot Online Traps:** Learn to "pause before click," recognize phishing scams, suspicious messages, and social engineering tactics.
- **Stay Secure:** Explore strong authentication practices, including creating passwords that are hard to guess and easy to remember.
- **Understand Your Data:** Discover what permissions apps request, why they ask for them, and how to make informed choices about privacy.
- **Speak Up and Stay Connected:** Build confidence to discuss online discomfort, cyberbullying, or anything that feels off with a trusted adult or parent.

Program Structure

- **After-school Club (1.5-2 hrs)**
- **Women in STEM**
- **Self-paced Module**
- **Competitions and Hackathons**
- **Capstone Project**
- **Field Trip**
- **Guest Speaker(s)**

New Jersey Science Standards

- **8.1.5.NI.2:** Physical & Digital Security Measures
- **8.1.8.NI.3:** Network Security Practices, Access, and Control
- **8.1.8.NI.4:** Security and Malware Events
- **8.1.12.CS.1:** Integrated Systems and User Experiences

Learn more about JerseySTEM

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