



CYBERSECURITY

Cybersecurity Cyber Detectives

Inspiring the Future of STEM

Cybersecurity: Cyber Detectives

Students learn 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



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186 Columbia Turnpike #5-160
Florham Park, NJ 07932