



# Empowering Educators to Teach Cyber

The goal of CYBER.ORG is to empower educators as they prepare the next generation to succeed in the cyber workforce of tomorrow.

CYBER.ORG provides educators and caregivers with the curricula and resources needed to deliver industry-leading cybersecurity content to K-12 students. Educators can access in-person, virtual, or self-paced professional development (PD) to facilitate the integration of cybersecurity education into their classrooms. Using the secure, virtual environments of the CYBER.ORG Range, students can practice real-world cybersecurity skills and experience simulated cyber attacks.

Supported by a grant through the Cybersecurity Infrastructure and Security Agency (CISA), CYBER.ORG is able to offer these resources at no-cost across the U.S.

Taking a closer look at CYBER.ORG activity in

## Massachusetts

**328**  
educators  
enrolled in  
CYBER.ORG  
curricula

**69**  
educators  
enrolled in the  
CYBER.ORG  
Range

**170**  
schools  
enrolled

**135**  
educators  
who have attended  
CYBER.ORG  
PD

**9,465**  
students  
reached

**11,397**  
available jobs  
in the cybersecurity  
sector\*

\*Cyberseek.org

- Written into MassCAN Project to identify nationally-available K-12 Computer Science and Cybersecurity programs
- Hosted:
  - PD with Computer Science Teacher Association Boston and Western Massachusetts chapters (2019)
  - CS for MA workshop (2024)
  - Computer Science Teacher Association Greater Boston Conference workshop (2024)
- Participated in GenCyber Student Camp (2022)

“As a Library Media Specialist, leveraging resources from CYBER.ORG empowers students to connect critical information literacy skills with real-world cybersecurity concepts. By integrating Massachusetts recommended standards for PreK-12 information literacy skills with cybersecurity learning standards, students develop the ability to analyze, evaluate, and responsibly use digital information while understanding the importance of protecting online data—a critical accomplishment in preparing them for a digital future.

**-Gretchen Lopez**  
Roderick Elementary School  
Wrentham, MA

**CYBER.ORG**  
THE ACADEMIC INITIATIVE OF THE CYBER INNOVATION CENTER