



Empowering Educators to Teach Cyber

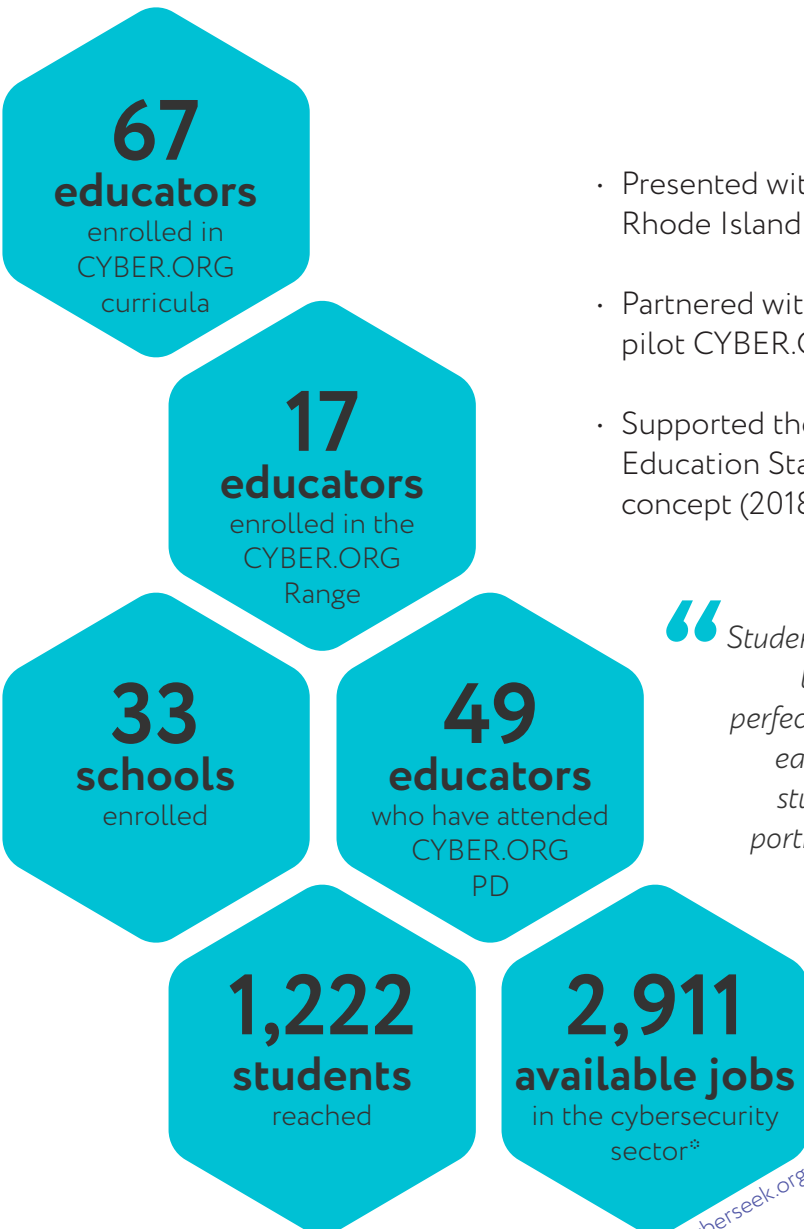
The goal of CYBER.ORG is to empower educators as they prepare the next generation to succeed in the cyber workforce of tomorrow.

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

Rhode Island



- Presented with Computer Science Teacher Association Rhode Island Chapter
- Partnered with Rhode Island STEAM Center to develop and pilot CYBER.ORG Computational Thinking modules
- Supported the adaptation of the K-12 Computer Science Education Standards to include a new cybersecurity concept (2018)

“Students in the C S Exploratory class enjoyed the capture the flag activity. The image with in the image paired perfectly with a lesson to create a self portrait by coloring each bit with Hexadecimal. As an enrichment activity, students coded messages into the background of their portrait. In their end of year reflections, several students highlighted this activity as their favorite. As their teacher, it was rewarding to watch students so engrossed, excited and proud of a project.

-Elaine May
Toll Gate High School
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