Empowering Educators to Teach Cyber

CYBER.ORG is a cybersecurity workforce development organization with the goal to provide cybersecurity education to every K-12 student in the United States.

CYBER.ORG focuses on classroom teachers as the force multipliers helping to build the cybersecurity workforce of the future. The Cybersecurity Infrastructure and Security Agency (CISA) supports CYBER.ORG through a grant to develop and distribute elementary, middle, and high school cyber and cybersecurity curricula to educators across the country. CYBER.ORG also provides teachers with hands-on professional development training to facilitate the integration of cybersecurity education into their coursework.

Taking a closer look at CYBER.ORG activity in Kentucky

- Partnership with Technology Association of Louisville Kentucky
- Established state CTE pathway in cyber engineering & supported with professional development
- In 2018-19, seven schools offered the pathway, and 468 students enrolled in at least one course from the pathway. Students in the pathway earned 118 certifications from CompTIA IT Fundamentals, Microsoft Technology Associate (MTA) Security Fundamentals, Certiport Digital Literacy IC3, and CompTIA A+.

- 2019-20 enrollment numbers in the Cyber Engineering CTE pathways:
  - Cyber Literacy 1: 499 students
  - Cyber Literacy 2: 356 students
  - Cyber Science: 120 students
  - Cybersecurity: 30 students

- 210 teachers enrolled in CYBER.ORG curricula access
- 108 teachers trained to use CYBER.ORG curricula
- 0 students served through camps & competitions
- $15,230 value of technology packages granted
- 2,333 jobs available in the cybersecurity sector*

*Cyberseek.org

Data through June 2021