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

Virginia

- Served on state cybersecurity standards writing committees
- Partnered with multiple CCI node regions to deliver teacher professional development across the state
- Presented at annual conferences: VBEA, VAME, VAHAMSEA, VATIE, VTEEA, VATFACS (2017, 2018)
- Presented at Virginia Cybersecurity Education Conference (2018-2022)
- Partnerships with:
    - Virginia State University - Project REACH
    - Old Dominion University
    - Radford University
    - Virginia Department of Education
    - Virginia Department for the Blind and Vision Impaired (Project Access)
    - Virginia Cyber Range
    - Virginia Tech University

Statistics

1,662 teachers enrolled in CYBER.ORG curricula access

104 teachers accessing the CYBER.ORG range
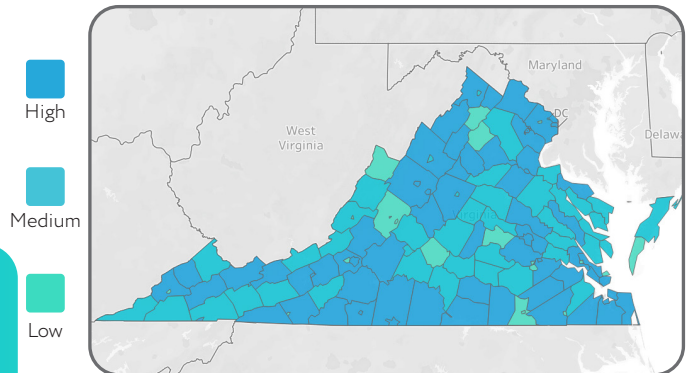
77 event(s) held

1,966 teachers trained to use CYBER.ORG curricula

$84,791 value of technology packages granted

58,407 jobs available in the cybersecurity sector*

*Cyberseek.org

CYBER.ORG Enrollment by County

High
Medium
Low

CYBER.ORG
THE ACADEMIC INITIATIVE OF THE CYBER INNOVATION CENTER