

BRISTOL PUBLIC SCHOOLS
Bristol, Connecticut

September 9, 2026
(Meeting Date)

☐	Information Item
☒	Decision Item

AGENDA REPORTING FORM

TOPIC: New Curriculum: AP Cybersecurity

BACKGROUND:

The AP Cybersecurity course provides a broad introduction to the field, aligning closely with a standard first-year collegiate introductory cybersecurity course. The course is designed to train students to:

- Understand Risk: Students learn about common threats and vulnerabilities and how they combine to create risk for individuals and organizations.
- Apply Defense-in-Depth: A central focus is studying how risk can be mitigated through a defense-in-depth strategy, which implements layered security controls.
- Secure Multiple Domains: Students explore specific vulnerabilities, attacks, mitigations, and detection measures across several key domains, including:
 - Physical spaces
 - Computer networks
 - Digital devices
 - Applications and data
- Evaluate Societal Impact: Throughout their studies, students consider the broader impact of cybersecurity on individuals, organizations, societies, and governments.

AP developed the course in partnership with college faculty and industry leaders, the course also aligns with the NICE Workforce Framework*. It emphasizes hands-on learning through authentic unit scenarios that connect classroom knowledge to real-world professional tasks.

COST: \$0 **FUNDING SOURCE:** N/A

RECOMMENDATIONS/COMMENTS:

ATTACHMENTS:

[AP Cybersecurity CURRICULUM \(2026\)](#)

TOPIC PRESENTER: Laura Lanza, Secondary STEM Supervisor

CONTACT NUMBER: (860) 584-7074

ACTING SUPERINTENDENT: Iris White
Iris White

Bristol Board of Education, Bristol CT	
Presented at Board Meeting:	
Approved:	
Order Filed:	
Referred to:	