Computer Science Resource Links

Each Child Our Future

Each Child, Our Future is Ohio's shared plan for ensuring that each student is *challenged*, *prepared* and *empowered* for his or her future by way of an excellent prekindergarten through grade 12 (preK-12) education.

Computer Science Resources

This computer science webpage features supporting materials for teaching Ohio students.

Computer Science Guidance Documents

This computer science webpage contains guidance documents for educators.

Ohio's State Plan for K-12 Computer Science Education

The State Committee on Computer Science was established by House Bill 110, the most recent state operating budget, to begin the work of developing a state plan for computer science education for the purposes of primary and secondary education. The committee is charged with making recommendations that, if implemented, would help make Ohio a national leader in computer science education.

Ohio's Learning Standards for Computer Science

The purpose of Ohio's computer science standards and model curriculum is to provide guidance to schools and districts. These documents are broken down into grade levels for ease of access.

Ohio's Computer Science Model Curriculum

The model curriculum offers local educators in-depth guidance on Ohio's Learning Standards. It also explains related skills and knowledge students are to learn in each grade and course. The purpose of Ohio's model curriculum is to provide clarity to the standards, as well as information to assist educators in planning and implementing their local curricula.

CS Licensure–Institutions with approved teacher preparation programs

The Educator Preparation Program Finder is the complete list of Chancellor-approved programs that lead to Ohio licensure/endorsement. The Ohio Department of Higher Education (ODHE) verifies that programs on this list hold the authority to recommend program completers for an Ohio educator license.

Contact information: educator.licensure@education.ohio.gov or Office of Licensure at 877-644-6338

CS Licensure Temp Law – Eligibility Verification Form

Verification Form Instructions:
1. The employing school district superintendent or school principal shall complete this form to verify the candidate meets the criteria to teach computer science pursuant to section 610.10 of Ohio House Bill 110.
2. Email the completed form to learningandinstructionalstrategies@education.ohio.gov or click the "Submit to ODE" button at the bottom of the page.

Cybersecurity Supply / Demand Heatmap

Cybersecurity talent gaps exist across the country. Closing these gaps requires detailed knowledge of the cybersecurity workforce in your region. This interactive heat map provides a granular snapshot of demand and supply data for cybersecurity jobs at the state and metro area levels and can be used to grasp the challenges and opportunities facing your local cybersecurity workforce.

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Cyber Club Toolkit

The Ohio Cyber Club Toolkit (OC2) project is an activity of the Education and Workforce subcommittee of the Ohio Cyber Collaboration Committee (OC3), which is a partnership between the Chancellor's office and the Adjutant General's Office. The toolkit provides direction and resources for cyber club advisors on starting and running cyber clubs in their school or organization.

Ohio Cyber Range Institute

Exploring informal and formal engagements with high school students, teachers and districts, the Ohio Cyber Range Institute provides virtual lab environments for both formal high schools and introductory and intermediate camps and workshops for both students and teachers.

Ohio Building Bridges for Educators Professional Development Series

Connect virtually with the Department for the *Building Bridges for Educators: The Heart of the Matter* professional learning series on Aug. 2-4 from 8:30 a.m. to 4 p.m. This online event will feature sessions across all academic content areas, with a focus on connecting people, ideas and possibilities to deepen student learning, engagement and motivation.

High School Math Pathways

Ohio launched the *Strengthening Ohio High School Mathematics Pathways Initiative* in the fall of 2021 to be implemented in the 2022-2023 school year. This initiative addresses guidance around what courses can be considered Algebra 2 equivalent and how the pathways lead to postsecondary success. The pathways were designed with a focus on equity, rigor, relevance, coherence and flexibility.

Contact Us

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