



To the Representatives of the Education and Career Readiness Committee,

I'm excited for the opportunity to testify on House Bill 170. Our team at John Marshall IT has worked hard to connect our students to the IT workforce and provide equity in Computer Science Education. House Bill 170 will give our current implementation more traction and facilitate our continuous work to provide college and career opportunities for our students in Cleveland.

John Marshall IT is the first school in the State of Ohio to focus on Computer Science. We are part of the Portfolio Model under the Cleveland Plan which is opening new schools to provide high quality seats for students. Our educational model includes a four year sequence of Computer Science coursework with a parallel vertical in Data Science for 11th and 12th grade students. All core content classes at John Marshall IT incorporate Computational Thinking.

Students at John Marshall IT receive basic exposure to the big ideas of Computer Science and Computational Thinking in 9th and 10th grade. Each student has an opportunity to select a JMIT Pathway for their 11th and 12th grade coursework and experiences. JMIT Pathways focus around high-need jobs within the IT workforce.

JMIT Pathways:

- Software Development | Cleveland State University Partnership
- Health IT | John Carroll University Partnership
- Cyber Security and Networking | Cuyahoga Community College Partnership

JMIT Pathways include college coursework and career oriented projects. In our Software Development Pathway students design apps and write small grants to fund development. Students in our Health IT Pathway participate in Cleveland Clinic *eExpressions* and set up a Mock Clinic where they diagnose symptoms using a computer program with a database of diseases. Cuyahoga Community College hosts our Cyber Security and Networking Pathway students for year round courses toward CompTIA (A+) Certification or Cisco Certified Network Administrator (CCNA) Certification.

House Bill 170 is directly aligned to our innovative work at John Marshall IT. With a relevant definition of Computer Science, credit toward graduation requirements, and teacher pathways toward certification, House Bill 170 will bring Computer Science to more students in Ohio.

Thank you for being a champion of this work.

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