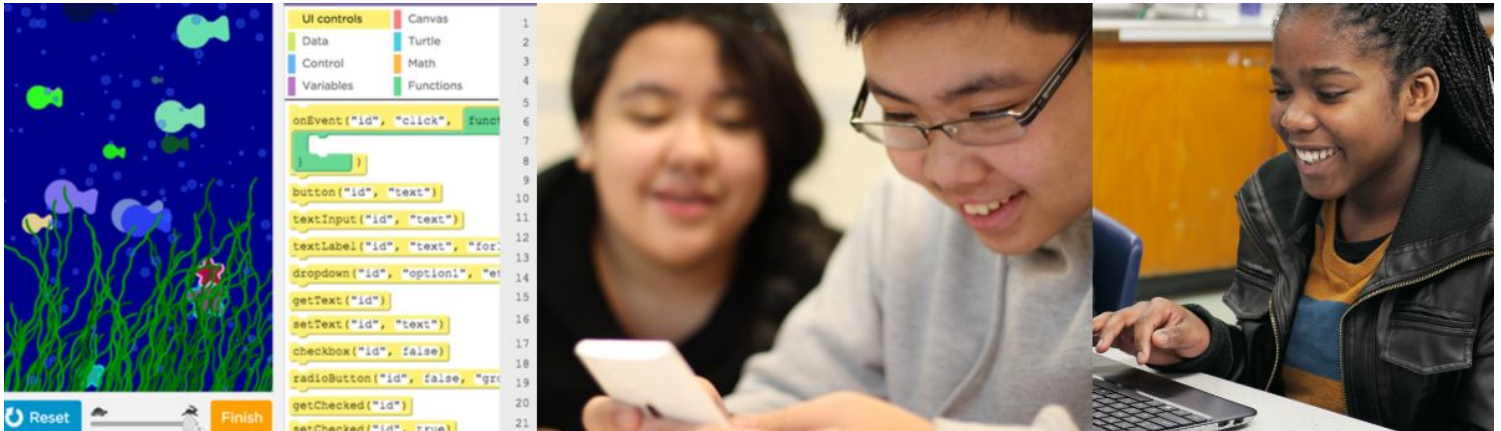


AP[®] Computer Science Principles



Want to offer AP[®] Computer Science? The Michigan Math Science Centers Network, in partnership with Code.org, is bringing professional learning to educators to implement AP[®] Computer Science Principles for high school students.

Professional Learning Program Benefits

Professional Learning for Teachers:

July 31th-Aug 4th, 2017: Teachers attend a 5-day in-person, conference-style workshop designed to introduce the CS concepts from the curriculum, AP[®] elements of the course, and core teaching practices (travel may include July 30 through August 5. Travel expenses paid by Code.org)

School Year, 2017-2018: Teachers continue with 4 job-embedded workshops held in Michigan and online modules focused on supporting teachers in their first year of implementation.

Curriculum Resources:

The curriculum supports teachers new to the discipline with daily lesson plans made up of inquiry-based activities, videos, assessments, and computing tools that empower students to discover core computing concepts.

AP[®] Audit Information:

Code.org is recognized as an endorsed provider for AP[®] Computer Science Principles. This designation offers access to an AP[®] CSP syllabus pre-approved by the College Board's AP[®] Course Audit.

Gaining Access

Schools will be asked to submit documentation showing AP[®] Computer Science Principles as a schedule course for Fall of 2017 when their teachers apply.

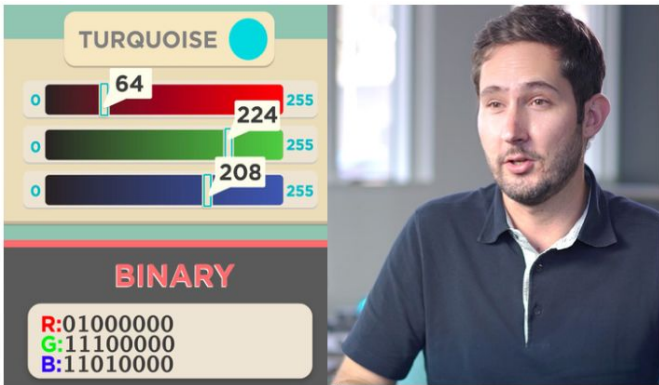
* All teachers attending the professional learning program must instruct an AP[®] Computer Science Principles course in the Fall of 2017.

Average Salaries in Michigan



Code.org and Michigan Mathematics and Science Centers Network are 501(c)3 non-profit organizations dedicated to expanding participation in STEM education.





Computer science drives job growth and innovation throughout our economy and society. Computing occupations are the #1 source of all new wages in the U.S. and make up two-thirds of all projected new jobs in STEM fields, making Computer Science one of the most in-demand college degrees.

AP[®] Computer Science Principles Curriculum Features

- Daily instructional lesson plans that include inquiry/equity-based pedagogy and background content
- Formative and summative assessments, project exemplars and rubrics
- Widgets and simulators for exploring computing concepts like text compression and the internet
- Videos for students (tutorials, instructional) and teachers (tips for structuring and delivering lessons)
- Code Studio — a learning platform that organizes lesson plans and activities with student and teacher dashboards
- App Lab — Code.org’s online JavaScript programming environment

AP[®] Computer Science Principles

Available to all students in Michigan

Code.org and the Michigan Math and Science Centers Network (MMSCN) are dedicated to providing the opportunity for access to AP[®] Computer Science Principles to all high school students in Michigan. Through grant funds, we will provide support and professional learning to teachers across the state to become qualified AP[®] Computer Science Principle instructors.

Be a part of the movement to provide STEM opportunities to our students.



Interested in participating?

To Pre-Apply or For More Info
MiCoding.weebly.com
Opportunity to subscribe for updates and application

Applications will open in January, 2017



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