OVERVIEW:
Computer Science and Cyber Education Equality Act

ELEMENTARY SCHOOLS

22-23
SCHOOL YEAR

23-24
SCHOOL YEAR

24-25
SCHOOL YEAR

50%
elementary schools
in each district provide
one hour of computer
science instruction
per week

ALL
elementary schools
in each district provide
one hour of computer
science instruction
per week

ALL SCHOOLS
in each
district offer
**computer science
instruction**

ALL charter schools provide
one hour of computer science
instruction per week
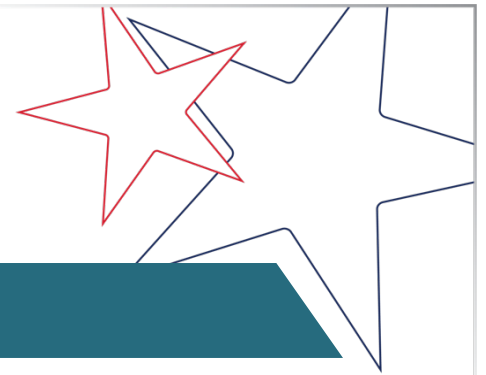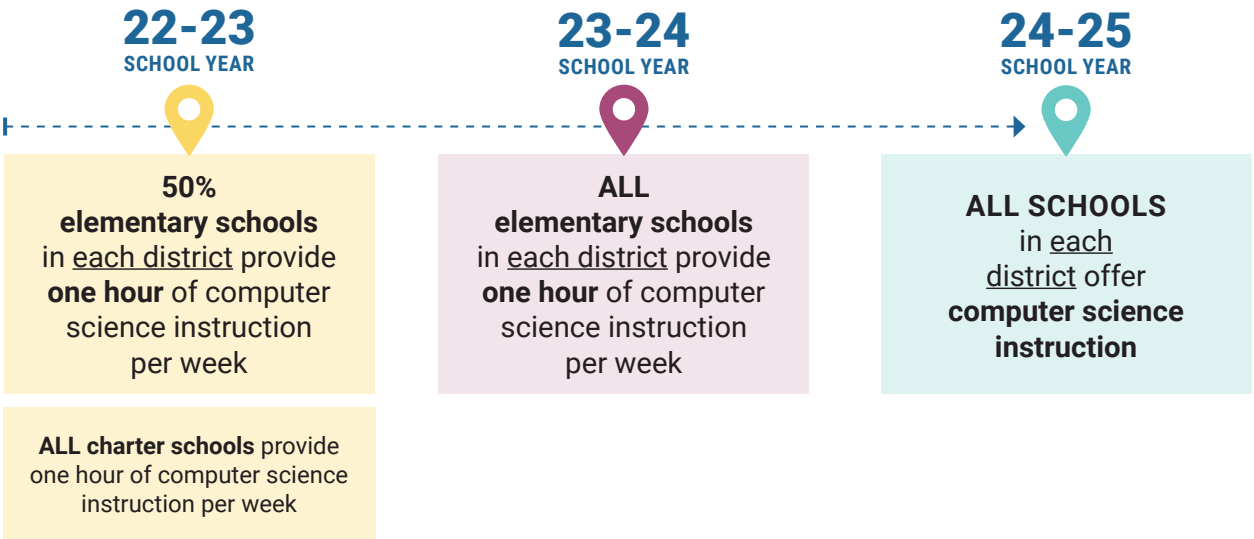
Miss. Code § 37-13-207

According to Miss. Code § 37-13-205 (passed in 2021 and amended in 2023), elementary computer science instruction...

- can be provided in stand-alone implementations.
- can be embedded in other subjects.
- is offered by *licensed teachers or a paraprofessional, who is under the guidance or supervision of a licensed teacher, and who has received training for computer science instruction approved by the State Department of Education.*
  NOTE: For elementary, teachers are not required to have a Computer Science endorsement.

CONSIDERATIONS:

- **Ideally, instruction should be delivered by a licensed teacher; however, as with other activity based instruction in elementary classrooms, trained assistant teachers may provide instruction under the direction of a licensed teacher.**

- The hour of required instruction each week can be broken into smaller chunks of time throughout the week or easily integrated into other lessons, center activities, or content areas, allowing all teachers in the building, including the librarian, to share the responsibility for instruction.

MIDDLE & HIGH SCHOOLS

22-23
SCHOOL YEAR

23-24
SCHOOL YEAR

24-25
SCHOOL YEAR

ALL
middle schools
in <u>each district</u> provide instruction in
foundations of computer science

50%
of high schools
in <u>each district</u> offer
a **course in computer science**

ALL SCHOOLS
in <u>each district</u> offer
computer science instruction

ALL charter schools offer a course in computer science

Miss. Code § 37-13-207

According to Miss. Code § 37-13-205 (passed in 2021), middle and high school computer science courses...

- are provided in stand-alone implementations.

- are offered by computer science teachers who are onsite at the physical location of the school or conduct the course virtually with a proctor onsite at the school.
  NOTE: For middle and high, teachers are required to have the appropriate Computer Science endorsement.

CONSIDERATIONS:

- Computer Science courses available at the middle and high school level are Cyber Foundations 1 (933 endorsement), Cyber Foundations 2 (933 endorsement), and Computer Science and Engineering (983 endorsement). Computer Science courses available only at the high school level are Exploring Computer Science (935 endorsement), AP Computer Science Principles, AP Computer Science A, and the Software Development pathway. More information about these courses and required endorsements can be found at rcu.msstate.edu/Curriculum/CurriculumDownload.aspx#565631-computer-science.

- Courses can be provided virtually through MOCA-approved online courses, but an onsite proctor must be present in the classroom. The proctor does not have to be a certified teacher.

MISSISSIPPI STATE UNIVERSITY™
CENTER FOR CYBER EDUCATION

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