



STATE OF ALABAMA  
**DEPARTMENT OF EDUCATION**



Eric G. Mackey, Ed.D.  
 State Superintendent of Education

September 4, 2024

**MEMORANDUM**

**TO:** City and County Superintendents of Education

**FROM:** Eric G. Mackey *EGM*  
 State Superintendent of Education

**RE:** 2024 Alabama Computer Science Expansion Report

Thank you for your continued efforts to implement The Computer Science for *Alabama Act* (Act 2019-389). As part of this act, local education agencies must submit a Computer Science (CS) Expansion Report each year by September 30. The secondary school report includes three (3) parts for school districts, district information, individual school information, and the rationale if a computer science course is offered through a virtual or distance learning option. The elementary school report has an expanded reporting requirement for this year to include teacher and student data. Please read through each section for a detailed explanation of the requested data that will need to be entered into the report.

**Computer Science Expansion Data Report 2024 - Secondary: District Information**

Information in this section will include data for the entire district. You will need to enter the number and list the names of middle and high schools with high-quality computer science courses during the 2024-2025 school year, along with the format in which each course is offered.

**Computer Science Expansion Data Report 2024 - Secondary: School Information**

Information in this section should be completed for middle and high schools offering computer science courses during the 2024-2025 school year. Data reporting includes the number of students enrolled in each computer science course, number of teachers who participated in high-quality professional learning in 2024, number of students who scored three (3) or higher on AP Computer Science Exams in 2023-2024, and number of students that earned dual enrollment credit in 2023-2024.

**Rationale For Distance Learning Option**

This shall be submitted for each school where students were only offered a CS course through distance learning course option. The submission must include a rationale for using the distance learning option and an assurance that the school shall continue to work towards in-person course options where students are taught by a trained teacher. You can either submit a link to a cloud-based document or email it to [cs4alabama@alsde.edu](mailto:cs4alabama@alsde.edu) with "District Name + Distance Learning Rationale" in the subject line.

**Computer Science Expansion Data Report 2024 - Elementary: School Information**

Information reported in this section should be completed for elementary schools to where teachers participated in CS professional learning of 2023, evidence of implementation in teaching CS standards, and/or a CS integration plan.

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City and County Superintendents of Education

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Attached you will find a worksheet for all data to be collected. All information should be submitted by **September 30, 2024**, through the online forms. Follow the instructions on the Alabama State Department of Education (ALSDE) Grant Portal to create an account and apply. The secondary form is available at <https://bit.ly/24CSExpansionSecondary>. The Elementary form is available at <https://bit.ly/24CSExpansionElementary>. If you have any questions regarding the 2024 Computer Science Expansion Report, contact Ms. Dawn Morrison at [dmorrison@alsde.edu](mailto:dmorrison@alsde.edu).

In accordance with Act 2019-389, all school data information will be published online by December 1, 2024. You may view the 2023-2024 Alabama Computer Science Expansion Report at <https://sites.google.com/view/alcsexpansiondatareport>.

EGM/ACD/CF

Attachment

cc: Career and Technical Education Directors  
Curriculum and Instruction Coordinators  
Mrs. Angela Martin  
Mr. Dodd Hawthorne  
Dr. Melissa Shields  
Ms. Dawn Morrison  
Ms. Tina Hammonds  
Mrs. Amanda Dykes

**FY24-2079**



# Computer Science Expansion Data Report 2024

## School Information

In accordance with Act 2019-389, schools shall annually submit the following to the Alabama State Department of Education no later than September 30 each year.

School Information:			
School		School District	
District Superintendent		Grade Levels in the School	
School Principal		School Phone Number	

### 2023-2024 Computer Science Instruction

Please include the number of teachers that taught computer science in your school.

Specials/CS/STEM Teacher	Kindergarten	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade	6th Grade

Please include the number of students who received computer science instruction in your school through a curriculum that met all standards.

Kindergarten	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade	6th Grade

### 2023-2024 Teacher Professional Development Information:

Total number of teachers that attended the following computer science professional development during SY 2023-2024 or summer 2024:

	A+ College Ready - CS Fundamentals - 1st day
	A+ College Ready - CS Fundamentals - 2nd day
	A+ College Ready - CS Fundamentals - multi-day virtual
	AMSTI Engineering is Elementary - Computer Science Integration
	AMSTI Specialist - Computer Science / DLCS - Other
	Alabama Technology in Motion - Computer Science Training
	District-Led Training
	BootUp
	Project Lead the Way
	Other: (please list the provider)



## Computer Science Expansion Data Report 2024

### School Information - Continued

In accordance with Act 2019-389, schools shall annually submit the following to the Alabama State Department of Education no later than September 30 each year.

<b>2023-2024 Computer Science Curriculum:</b>	
Please check the curriculum your school used for the 2023-2024 school year:	
<input type="checkbox"/>	Code.org - CS Fundamentals
<input type="checkbox"/>	Engineering is Elementary
<input type="checkbox"/>	BootUp - Scratch Jr. / Scratch Curriculum
<input type="checkbox"/>	CS First
<input type="checkbox"/>	Tynker
<input type="checkbox"/>	Discovery Ed
<input type="checkbox"/>	Learning.com
<input type="checkbox"/>	Apple - Everyone Can Code
<input type="checkbox"/>	Project Lead the Way - Launch
<input type="checkbox"/>	Pathfinders Online - Infosys
<input type="checkbox"/>	Codeillusion
<input type="checkbox"/>	District Created Material (please include a link to an example in the summary below)
<input type="checkbox"/>	Other: (please list the curriculum)

<b>Computer Science Integration Documentation</b>	
How did you monitor and provide documentation of CS integration in your school: (for other, list how you will document)	
<input type="checkbox"/>	Teacher Lesson Plans w/Digital Literacy and Computer Science COS (DLCS) Standards Identified
<input type="checkbox"/>	CS/STEM Teacher / Special Class
<input type="checkbox"/>	Specific time on the schedule each week
<input type="checkbox"/>	Observation documentation
<input type="checkbox"/>	We did not have a plan for documentation.
<input type="checkbox"/>	Other:



# Computer Science Expansion Data Report 2024

## District Information

In accordance with Act 2019-389, schools shall annually submit the following to the Alabama State Department of Education no later than September 30 each year.

School District \_\_\_\_\_

District Superintendent \_\_\_\_\_

Number of <b>middle and high schools</b> with high-quality computer science courses during the <b>2024-2025</b> school year through each of the following:	
	In-Person
	Distance Learning (ACCESS)
	Dual Enrollment
	Standalone Career Tech Center

Complete a list of middle and high schools that offer high-quality computer science courses during the 2024-2025 school year:

Printed name and title of person completing this form: \_\_\_\_\_

Signature of the person completing this form: \_\_\_\_\_



# Computer Science Expansion Data Report 2024

## School Information

In accordance with Act 2019-389, schools shall annually submit the following to the Alabama State Department of Education no later than September 30 each year.

Complete pages 2 and 3 for each **middle and/or high school** with computer science courses during the 2024-2025 school year. Data reporting includes the number of students enrolled in each computer science course; the number of teachers that participated in high-quality professional learning in 2024; the number of students who scored three (3) or higher on AP Computer Science Exams in 2023-2024; and the number of students that earned dual enrollment credit in 2023-2024.

### 2024-2025 School Information:

School		Grade Levels in the School	
School Principal		School Phone Number	

### 2024-2025 Course Information:

Provide student enrollment numbers for each of the Computer Science (CS) courses for the **2024-2025** school year.

#### High School Courses

Computer Science SL, IB	Computer Science HL, IB	Computer Science, A, AP In-Person	Computer Science, A, AP ACCESS <sup>1</sup>	Computer Science Principles, AP	Exploring Computer Science	Computer Science Essentials PLTW	Intro to Computer Science TEALS	Cybersecurity PLTW	Introduction to Digital Literacy and Computer Science - ACCESS <sup>1</sup>	Programming Foundations
10159E10SL	10159E10HL	10157E1000	10157E1000	10019E1000	10012G1001	10013G1000	10012G1002	10016G1000	10011G1000	10152G1001

#### Middle School Courses

Computer Science Discoveries In-Person	Computer Science Discoveries ACCESS <sup>1</sup>	Computer Science Endeavors	Computer Science and Society	CS Makers	App Creators PLTW	Computer Science for Innovators & Makers PLTW
10012G0608	10012G0608	10012G0606	10012G0808	10013G0808	10099G6800	10099G6801

### 2024-2025 Teacher Information:

Approved professional development providers include: A+ College Ready, PACS, College Board, ECS4Alabama, CS Makers, PLTW, TEALS, and IB.

	The number of teachers teaching a high-quality computer science course (See course list above).
	The number of middle and/or high school teachers that began implementing CS as a result of attending a high-quality CS professional learning activity by a state-approved provider during the summer of 2024. (Teachers teaching CS for the first time.)
	The number of teachers attending a high-quality CS professional learning activity by a state-approved provider during the summer of 2024 who were already teaching high-quality CS courses at the middle or high school level. (Teachers who previously taught CS but received formal training for a CS course during the summer of 2024.)

### 2024-2025 Student Information:

	The number of students enrolled in high-quality CS courses <b>taught by a teacher trained in a high-quality training by a state-approved provider.</b>
	The number of students enrolled in a high-quality CS course through a standalone career tech center.
	The number of students enrolled in a high-quality CS course through dual enrollment.
	The number of students enrolled in a high-quality CS course through a virtual or distance learning course option. <sup>1</sup>

<sup>1</sup> For any students offered a high-quality CS course through virtual or distance learning course option, submission to ALSDE must include an assurance that these settings shall continue to work towards in-person course options where students are taught by a trained teacher and a rationale for using the virtual or DL option.



## Computer Science Expansion Data Report 2024

### School Information - Continued

In accordance with Act 2019-389, schools shall annually submit the following to the Alabama State Department of Education no later than September 30 each year.

School (cont.) \_\_\_\_\_

<b>2023-2024 AP Exam Information:</b>									
The number of students with a score of three (3) or above on AP exams for high school AP CS courses.									
Aggregate data by gender, racial, and socioeconomic diversity of students with a score of three or above on AP exams for high school AP CS courses.									
Male (AP)	Female (AP)	American Indian/ Alaska Native (AP)	Asian (AP)	Black (AP)	Native Hawaiian/ Pacific Islander (AP)	White (AP)	Hispanic/ Latino (AP)	2 or More Races (AP)	Free/ Reduced Lunch (AP)

<b>2023-2024 Dual Enrollment Information:</b>									
Link to Computer Science Dual Enrollment Equivalency Course List: <a href="https://bit.ly/ALCSDualEnrollment">https://bit.ly/ALCSDualEnrollment</a>									
The number of students who earned postsecondary graduate credit in a CS course through dual enrollment.									
Aggregate data by gender, racial, and socioeconomic diversity of students who earned postsecondary graduate credit for completing a CS dual enrollment course provided by an institution of higher education physically located in the state while that student is enrolled in high school.									
Male (DE)	Female (DE)	American Indian/ Alaska Native (DE)	Asian (DE)	Black (DE)	Native Hawaiian/ Pacific Islander (DE)	White (DE)	Hispanic/ Latino (DE)	2 or More Races (DE)	Free/ Reduced Lunch (DE)