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ALABAMA STATE DEPARTMENT OF EDUCATION

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An Update on the Drafting of the 2025 *Alabama Course of Study:* *Digital Literacy and Computer Science*

Committee Chairperson:
Dr. Michele Collier
Superintendent, Escambia County School System



Summary of Research Explored

- **Current 2018 Digital Literacy and Computer Science (DLCS) standards**
- ***K-12 Computer Science Standards Comparison Report***
 - Compared state-by-state usage of computer science (CS) and DLCS standards
 - Examined use of Bloom's Taxonomy & cognitive complexity
- ***Reimagining Computer Science Pathways Report***
 - Identified foundational computer science content
- **Other states' standards**
- **Other standards - AI, Cybersecurity, Digital Citizenship**





Driving Goals

The committee strives to achieve the following:

- Respond to public comment
- Enhance the emphasis on cybersecurity
- Integrate artificial intelligence literacy
- Update standards to reflect the rapid evolution of computer science
- Incorporate emerging technology standards
- Promote social media safety (FOCUS Act)





Meeting Summaries

Focuses of Meeting Agendas:

January 28 - 29, 2025

Cancelled

February 19 - 20, 2025

Committee and **ALSDE** Introductions, review research and other states' standards, analyze current **Alabama** standards

March 4 - 5, 2025

Discuss possible changes, consider public comments, design template and outline, discuss emerging themes





Meeting Summaries

Focuses of Meeting Agendas:

April 29 - 30, 2025

Respond to public comments, draft Course of Study standards

May 7 - 8, 2025

Draft Course of Study standards, analyze grade bands for vertical alignment and developmental appropriateness

June 10 - 11, 2025

Review and revise draft of Course of Study standards for initial public draft release





Future Meetings

Upcoming Meeting Dates and Goals:

August 27 - 28, 2025

Review and revise the Course of Study to incorporate expert review feedback and public comments received, as appropriate

September 16 - 17, 2025

Respond to public comments and expert review, update draft

October 14 - 15, 2025

Finalize draft, prepare State Board of Education presentation

December 11, 2025

Tentative State Board of Education vote





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Thank you!

Questions or Concerns?

