

CS4Alabama

**Alabama State Department of Education  
State Board of Education Work Session  
October 2019**

**Computer Science Act #2019-389**



## Timeline

HS

2020-2021

Each public high school (grades 9-12) shall offer at least one authentic CS course.

MS

2021-2022

Each public middle school (grades 7-8) shall offer instruction in middle school CS courses.

ES

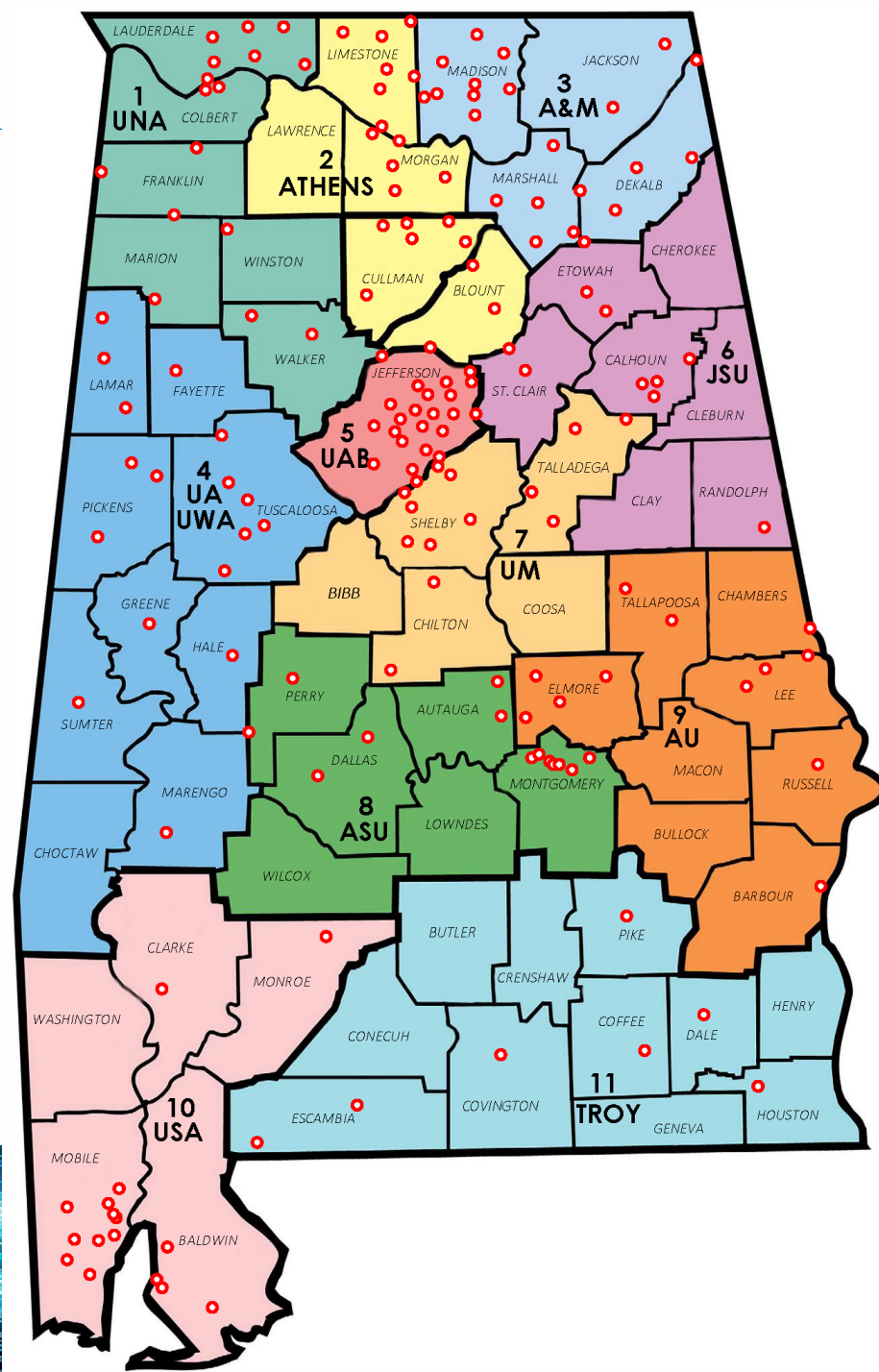
2022-2023

Each public elementary school (K-6) shall offer instruction on the basics of CS and computational thinking.



# CS4Alabama

174 high schools are currently offering at least one CS course as defined by Act #2019-389.



The superintendent, in consultation with the task force, shall develop a state strategic plan for a statewide computer science education initiative.



STATE OF ALABAMA  
COMPUTER SCIENCE EXPANSION  
Governor's Computer Science Advisory Council:  
REPORT OF FINDINGS AND RECOMMENDATIONS

Kay Ivey, Governor  
April 30, 2019



Barbara J. Cooper, Ph.D., CS Advisory Council Co-Chair  
Jeff Gray, Ph.D., CS Advisory Council Co-Chair

The subcommittees focused on creating equitable opportunities for all P-12 students by focusing on the following areas:

1. Developing and Sustaining the Teacher Pipeline
2. Strengthening Student Pathways
3. Alignment of Secondary and Post-Secondary Career Pathways
4. CS Expansion
5. Industry Support for Ongoing Activities

# EIR Grant Award - \$2.3M

CS4Alabama

- “CSPdWeek” format to bring 4 different trainings all together to build a teacher community for a week
  - Exploring Computer Science (Tuskegee University)
  - Computer Science Principles (A+ College Ready)
  - Bootstrap Algebra (25-30 hours of CS integrated into Algebra as a way to explain algebraic topics in a way that leads students into building a video game)  
<https://www.bootstrapworld.org/>
  - Counselors for Computing (C4C) Training ([NCWIT](#))
- Funding not available directly to LEAs
- Schools/teachers can apply to attend the training
- **Expected Impact: 440 teachers, 120 counselors, and ~60,000 students**



# Questions?

---

# Thank You

