



Richard Woods, Georgia's School Superintendent
"Educating Georgia's Future"

Georgia Department of Education
Item for State Board of Education Approval
– Grant –

Item Name

TL – Grant – CTAE Middle School Computer Coding Program – CS4GA

Recommendation – Action Item

It is recommended that the State Board of Education authorize the State School Superintendent to award a grant to selected middle schools at a cost not to exceed \$500,000 in State Funds for the implementation of middle school computer coding programs.

Supports the Following Education Goal or Goals in the Agency Strategic Plan

- Increase the percentage of high school graduates who are college and/or career ready
Measurable Outcome and Deliverable: Increase in the percentage of middle school students who select to pursue a high school computer science career pathway
- Ongoing Operations

Rationale

To effectively prepare students for more rigorous computer science offerings at the high school level, school systems must provide students exposure to coding, and ultimately computer science, at a much younger age. This program demonstrates Georgia's commitment to provide computer coding to middle school students and to eliminate barriers to teaching computer science.

Details

Objective: Provide Computer coding programs to selected middle schools
Grant Recipient: Middle schools in rural underserved or high poverty school clusters
Grant Amount: \$500,000
Funding Source: State Funds
Grant Period for Recipient: June 15, 2018 – June 30, 2019
Renewal: N/A
Budget History (minimum of three years):
FY19 - \$500,000
FY18 – N/A
FY17 – N/A

Performance

Describe how the grant will be monitored to ensure satisfactory performance: Grant funds will be monitored and Completion Reports will be submitted by the LEA at the conclusion of the grant period.

Performance, criteria, and results: Grant funds are intended to assist middle schools with the implementation of computer coding curriculum, computer-science related professional development and training, equipment purchases, and the establishment of computer science certification pathways.

Performance Metrics: The following metrics will be used to determine successful implementation: number of professional learning opportunities offered; number of teachers certified in Computer

Science; level of computer coding curriculum implementation; and the number of students that choose a high school computer science pathway after participating in the middle school coding program.

Summary

Scope of Grant:

Each grant will include funding for equipment, training, curriculum, and teacher professional development, and shall not exceed \$25,000. Up to four (4) competitive, school-based grants per system may be awarded with the stipulation of a cash or in-kind matching basis for the second and fourth school awards. A total of 20 grants will be awarded. School districts must attest to adequate wireless capabilities and must commit to the expansion of coding programs and robust, sustainable computer-based education.

Purpose of Grant:

Funds will be used to implement computer coding programs for middle school students in rural underserved or high-poverty school clusters within school districts. Grants will provide professional learning support to allow for sustained and robust computer science related training.

History:

How the Grant Recipient was Selected:

- Formula Grant
- Competitive Grant (FOGA Number 160-1-4-.288)

Describe the grant process:

Grant applications were submitted to lplan@doe.k12.ga.us by May 1, 2019. CTAE and Curriculum staff reviewed applications and assign points based on an established rubric. Grants will be awarded to eligible recipients based on the scoring rubric until all funds have been exhausted.

Contacts

Dr. Barbara Wall, State Director, Career, Technical and Agricultural Education
Dr. Tim Brown, Program Manager, Career, Technical and Agricultural Education