



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

**Georgia Department of Education
Item for State Board of Education Approval
– Standards Adoption & Revision –**

Item Name

TL - Standards - Middle School Computer Science Courses

Recommendation – Action – Standards Adoption

It is recommended that the State Board of Education adopt the Georgia Standards of Excellence for Foundations of Secure Information Systems, Foundations of Computer Programming, and Foundations of Interactive Design which will subsequently be added to the State-Funded List of K-8 Subjects and 9-12 Courses.

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

- Expand educational opportunities in order to maximize student engagement, meet a variety of student interests, and ensure the relevance of learning
Measurable Outcome and Deliverable: To increase student interest and participation in computer science.
- Increase the percentage of high school graduates who are college and/or career ready
Measurable Outcome and Deliverable: To prepare students for careers in Information Technology Career Cluster.

Rationale

In response to a \$500,000 competitive grant opportunity from the 2018 Georgia State Legislative Session, three draft middle school computer science courses have been created to give students a foundation in computer science that leads directly to nine pathways in the Information Technology Career Cluster available in high school.

Details

During the 2018 Georgia State Legislative Session, a competitive grant was made available to implement sustainable computer science programs in middle schools in rural under-represented or high poverty areas. This grant includes funding for equipment, training, curriculum, and teacher professional development.

A Working Committee was organized to draft standards for three middle school computer science courses to support the purpose of the grant. Committee members were represented by 6-12 educators, post-secondary, military, and business & industry partners.

An Advisory Committee which included representatives of the Working Committee and additional stakeholders reviewed the draft standards and provided feedback.

Draft standards were presented to the Academic Review Committee which was made up of GaDOE leadership, selected State Board Members, post-secondary educators, business & industry partners, and previous members of the Working and Advisory Committees.

The draft Georgia Standards of Excellence for Foundations of Secure Information, Foundations of Computer Programming, and Foundations of Interactive Design will be presented to the SBOE for posting for 30 days of public review and feedback.

A timeline for communication, educator professional learning, and resource development will follow pending the adoption of the course standards. The projected date for implementation of this course is

school year 2018-2019.

Contacts

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