



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

CTAE - Standards - Elementary School CTAE Cluster – Engineering

Recommendation – Action – Approval to Post for Public Comment

It is recommended that the State Board of Education grant permission for the posting of the Georgia Standards of Excellence for Engineering and Technology for Kindergarten through Fifth grade for public review and comment.

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

- Expand educational opportunities and non-academics supports in order to maximize student engagement, meet student needs/interests, and ensure the relevance of learning.
- Increase the percentage of high school students who graduate ready for enrollment, employment, or enlistment.

Rationale

The elementary Career, Technical and Agricultural Education (CTAE) cluster standards for kindergarten through fifth grade are a direct response to the CTAE Strategic Plan – Preparing all Students for College, Career, and Life. Priority 4 of this plan emphasizes expanding CTAE opportunities and teaching employability skills throughout grades K-12. The intent is to have elementary standards K-5 for each of the 17 career clusters.

Details

The proposed courses, Engineering and Technology Kindergarten through Fifth Grade, are designed to expose elementary students to age-appropriate content within the CTAE STEM Cluster. A course writing/review team was established in the summer of 2022. This team was made up of current elementary, middle, and high school teachers, administrators, post-secondary representatives, industry partners and representatives from the International Technology and Engineering Education Association. This group met throughout the fall to develop the K-5 course standards. An advisory committee reviewed the draft standards and provided feedback. The writing team has made final adjustments to the draft standards for submission to State Board.

Contact

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