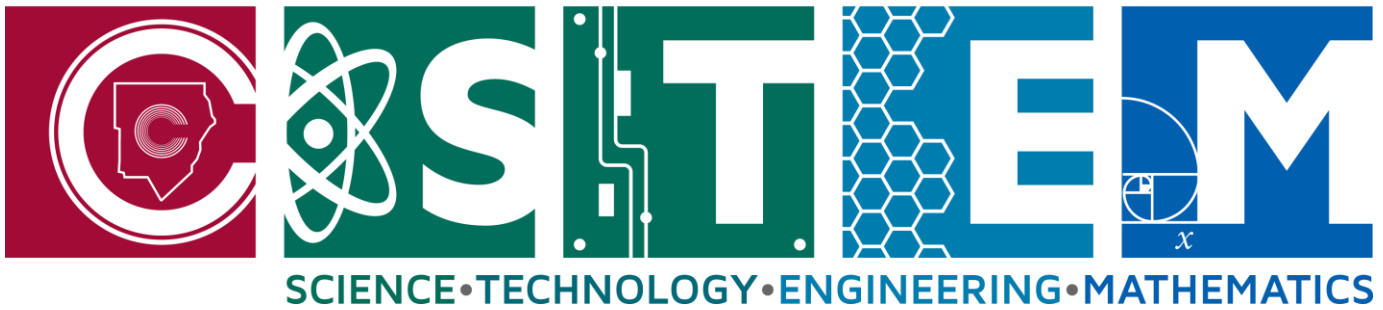


COBB COUNTY SCHOOL DISTRICT



STEM/STEAM Certification Options

1. Certification Opportunities

- a. Cobb Schools have 5 options to earn STEM/STEAM Certification
- b. Schools may start by earning the locally developed Cobb STEM & STEAM Certifications and progress to more advanced certifications from Cognia and the Georgia DOE
- c. Each certification requires schools to demonstrate proficiency in a variety of areas including STEM learning culture, STEM learning experiences and outcomes, teacher collaboration and professional learning and community engagement.

2. Certification Description

a. Cobb STEM Certification

- i. Schools who earn Cobb STEM Certification work on cultivating a culture of STEM learning that integrates GSE standards from multiple disciplines to solve real world problems.
- ii. Schools seeking this certification participate in multiple STEM walks to see the growth of and refine STEM practices outlined over time, usually a year and a half to 3 or more years.

b. Cobb STEAM Certification

- i. Schools who earn this certification meet all the criteria for Cobb STEM Certification with one important difference. They have intentionally integrated all four domains of the Fine Arts – Music, Visual Arts, Dance & Drama.

c. Cognia STEM/STEAM Certification

- i. Once a school has earned Cobb STEM or Cobb STEAM certification, they are eligible to seek Cognia STEM/STEAM Certification.
- ii. Schools must demonstrate proficiency on a set of criteria provided outlined by Cognia. Certification requires STEM visits, creation of a portfolio and conversations with multiple stakeholders.

d. DOE STEM Certification

- i. Once schools have earned both Cobb & Cognia STEM/STEAM Certification they are eligible to seek certification from the DOE.
- ii. Like Cobb and Cognia, the DOE has outlined a series of criteria necessary to earn STEM Certification. Schools must share documentation and participate in STEM visits to demonstrate proficiency in the various areas to earn certification.

e. DOE STEAM Certification

- i. Like Cobb STEAM Certification, the DOE STEAM Certification encompasses everything in the STEM Certification process, plus the intentional integration of the Fine Arts.