

Fulton County Schools

Where Students Come First



WHAT IS STEM/STEAM?

STEM/STEAM integrates Science, Technology, Engineering, Arts, and Mathematics through hands-on, interdisciplinary, student-centered learning. This educational approach prepares students to become innovative thinkers, problem-solvers, and future-ready leaders.



PROGRAM MISSION & VISION

Fulton County Schools' STEM/STEAM programs empower students to explore real-world challenges, think creatively, collaborate effectively, and develop innovative solutions that positively impact their communities and beyond. Through engaging, authentic learning experiences, students become confident innovators, leaders, and change-makers prepared for college, careers, and life.

Key Program Components

Problem-Based Learning (PBL): Investigating real-world challenges and developing solutions through inquiry and collaboration.

Design Thinking: Applying a structured process to empathize, ideate, prototype, test, and refine innovative solutions.

Research & Inquiry: Asking critical questions, analyzing data, evaluating information, and communicating findings.

STEM/STEAM Journals: Documenting daily observations, recording data, and tracking the problem-solving journey.

Cross-Curricular Learning: Blending science, math, technology, engineering, arts, literacy, and social studies into cohesive experiences.

Community Partnerships: Collaborating with businesses, higher education, and industry partners for mentorship and real-world exposure.

CTAE and Arts Connections: Aligning learning with Career, Technical, and Agricultural Education pathways as well as using Arts integration through music, theatre, dance, and visual art pathways to provide career-focused experiences.

College & Career Readiness: Cultivating creativity, communication, leadership, and technical skills necessary for post-secondary success.

For further information and specific program highlights:

[Global Impact Academy](#)

*Where Education
and Purpose Meet*



STEM

[FCS Innovation Academy](#)

*Dedicated to
Excellence In Education*



STEM

[North Springs High School](#)

*A School of
Higher Learning*



STEAM