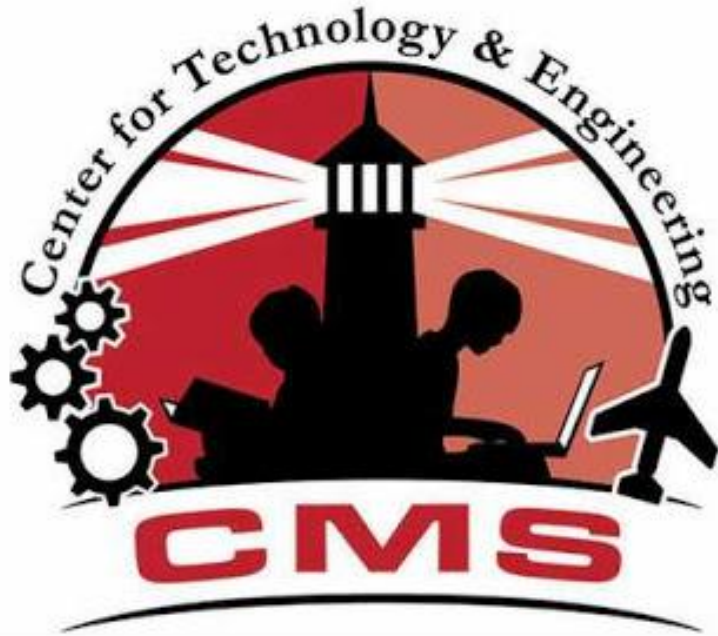


CONYERS MIDDLE SCHOOL



The mission of Conyers Middle School, a collaborative community dedicated to bridging education and lifelong aspirations, is to ensure the unlimited success for all students by maintaining a safe and nurturing environment that provides an array of enriching academic and pro-social activities.

RCPS VISION

The vision of RCPS is to be a world-class learning community where all students graduate college and career ready in a progressive and interconnected society.



COLLEGE AND CAREER READINESS

- College and career readiness is “the level of achievement required in order for a student to enroll in two- or four-year colleges and universities and technical colleges without remediation, fully prepared for college-level work and careers. This means that all students graduate from high school with both rigorous content knowledge and the ability to apply that knowledge” (*Georgia Department of Education, n.d.*).



CTAE MISSION

- The mission of Career, Technical and Agricultural Education (CTAE) is to provide **career-focused educational opportunities** that prepare all students with the **technical skills and advanced training** needed to successfully transition into **post-secondary education and careers** in high-demand and emerging fields.
 - 16 Career Clusters
 - 31 Career Pathways
- **CTAE Programs:**
 - Align to high-skill, high wage, and in-demand occupations
 - Center around student interest and needs
 - Provide students opportunities for industry certifications



"Pathways to Success"

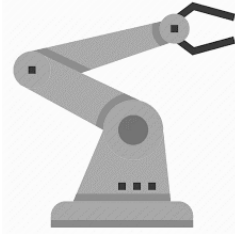
PROGRAM OVERVIEW

The Center for Technology and Engineering, (CTE) at Conyers Middle School (CMS) was launched in 2015 and provides a comprehensive and unique approach to educational pathways for students in grades 6th – 8th by offering advanced abilities and outcomes in STEAM (Science, Technology, Engineering, Arts, and Mathematics).



CTE ENROLLMENT HISTORY					
2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021 Applicants
82	91	110	138	96	119

CAREER PATHWAY ALIGNMENT



Conyers Middle School Courses

High School Pathways

AV Technology

- Audio and Video Technology and Film(**SHS & RCA**)
- Graphic Design (**RCA**)

Engineering and Technology (with a focus on Aerospace/Aviation)

- Unmanned Aircraft Systems (**RCA**)

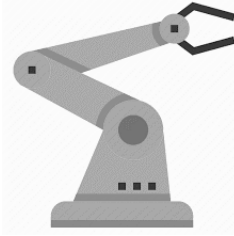
Engineering and Technology (with a focus on Robotics)

- Engineering & Tech (**RCA & RCHS**)
- Manufacturing (**RCA**)

Computer Science

- Web and Digital Design (**RCHS & SHS**)
- Programming (**RCHS**)
- Computer Science (**RCA**)
- Cybersecurity (**RCA**)

CTE Connections Cohort 2020-21



Conyers Middle School Courses

Engineering and Technology (Aerospace)

- Foundations of Aerospace
- Investigation into Aerospace
- Technological Systems
- Career & Technology Field Experiences

High School Pathway

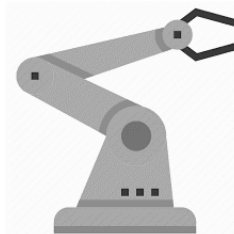
- Unmanned Aircraft Systems (**RCA**)

Engineering and Technology (Robotics)

- Safety techniques & tool usage in the Engineering & Technology Laboratory
- Robotics
- Inventions & Innovations
- Engineering Design Process

- Engineering & Tech (**RCA & RCHS**)
- Manufacturing (**RCA**)

CTE Connections Cohort 2020-21



Conyers Middle School

High School

Computer Science

- Foundations of Computer Programming
- Foundations of Secure Information Systems
- Foundations of Interactive Design
- Web and Digital Design (**RGHS & SHS**)
- Programming (**RGHS**)
- Computer Science (**RCA**)
- Cybersecurity (**RCA**)

AV Technology

- Audio-Video Technology and Film
- Introduction to Digital Media
- Introduction to Graphics and Design
- Broadcast Video Production Applications
- Audio and Video Technology and Film(**SHS & RCA**)
- Graphic Design (**RCA**)



SUMMARY

What Remains	New Possibilities
<ul style="list-style-type: none">• Civil Air Patrol (<i>Squadron Commander - Capt. Hannans</i>)• Delta & National Flight Academy Scholarships (<i>Summer 2020 - \$1,250</i>)• Drone Aviation course at RCA	<ul style="list-style-type: none">• Collaboration w/Griffin-Spalding regarding the implementation of Unmanned Aircraft Systems opportunities• Industry Tours• Carnegie Unit Opportunity (<i>Fundamentals of Aerospace - 47.46000</i>)

