REEDY CREEK
MAGNET MIDDLE CENTER FOR THE DIGITAL SCIENCES

Join us for a tour!

RCMMS Tour Dates	Tuesdays @ 8:30 am	Thursdays @ 1:00 pm
October	24	
November	7, 14, 28	2, 9, 16, 30
December	5, 12	7, 14
January	9, 16, 23, 30	4, 11, 18, 25

Reedy Creek Magnet Middle School Center for the Digital Sciences is the only Digital Sciences middle school in the country. Reedy Creek prepares students for the digital world by teaching them to be problem solvers who think critically and creatively and who use technology as a tool for collaboration and innovation.

What is Digital Sciences? Digital Sciences teaches an approach to learning called Computational Thinking. Computational Thinking involves collecting data, breaking it down, analyzing it, looking for patterns, and finding creative and innovative steps to solving problems. This thinking approach serves children in all subject areas and in their lives, even beyond academics.

Growth Mindset Part of Reedy Creek's underlying philosophy is a belief that students can continue to learn, grow, and improve through effort and perseverance. The Growth Mindset philosophy guides everything we do and teaches students a positive approach to learning.

Another benefit of Reedy Creek is that our location near the Research Triangle Park has allowed us to form active partnerships with leading local companies.

Reedy Creek Center for the Digital Sciences students will:

- Be responsible digital citizens who are prepared for their futures in a digital world.
- Work collaboratively and creatively with others to solve problems using critical thinking skills.
- Learn and practice computational thinking as a problem-solving process embedded into all curricula.
- Have the opportunity to work with and learn from technology companies in our area.

Digital Sciences Electives

Magnet Robotics 1: Students will design, build, and create with cutting-edge technology and materials. Students actively collaborate with team members to build and program robots. Robotics students learn to work with a variety of robot sensors. This hands-on, challenging class focuses on critical thinking, communication, and problem solving.

Magnet Robotics 2: Robotics Level 2 students learn different techniques for robot programming, while expanding their knowledge regarding the applications of robots and their sensors. Students will be introduced to Arduino technology and the Internet of Things.

Magnet Bits & Bytes: Through hands-on activities and investigations, students learn the foundations of computer science and computational thinking, including binary numbers, non-linear problem solving, algorithms, artificial intelligence, image types, digital sound, and how humans interface with computers.