



STEM at Kennedy Middle School



A CMS School

We are excited to be a partial STEM magnet school! STEM stands for Science, Technology, Engineering, and Mathematics. It is designed to expose our students to the skills and knowledge that are essential in succeeding in today's world. Kennedy provides STEM opportunities through various clubs, learning experiences, elective classes, field trips, and community speakers.

STEM Clubs and Teams

- FTC Robotics Team (First Tech Challenge through First Robotics)
- Science and Engineering Fair
- Science Olympiads
- Green Team
- Chrome Squad
- TSA (Technology Student Association)
- BASF Chemistry Bowl

Field Trips

- STEM Day at UNCC
- Duke Energy Explorium
- Schiele Museum (Roots, Stems, and Leaves, Our Ancestors Rocks, Minerals, Fossils, and Squid Dissection)
- NASCAR Hall of Fame field trip
- National Manufacturing Day field trip to Olympic High
- BASF Chemical Field Trip
- Junior Achievement Future Smart Challenge at Time Warner Arena
- Blue Planet Water Environmental Center

Community Speakers

- Winthrop University Chemistry professor presentation/activity
- UNCC Chemistry professor presentation and solar cell activity
- Duke Energy Conservation Crew performance
- Graphic Designer from Microhound Media presentation
- Charlotte ENT ophthalmologist presentation
- Charlotte ENT Otolaryngologist presentation
- WCNC Meteorologist, John Wendel, weather presentation
- Junior Achievement Financial Literacy program

Notable Events

- Summer STEM Day at Kennedy for rising 6th grade STEM students
- WCCB Wilson's World visits and films Kennedy to highlight STEM program
- TE Connectivity \$2000 sponsorship to our robotics team
- Wonder Robotics Challenge with Dash and Dot
- CodeGirl documentary for female students
- New Maker's Space established for students to create, build, tinker, and program a variety of robots

STEM Based Classes

Students will have the opportunity to explore STEM based electives such as...

Medical Detectives

Energy and the Environment

Automation and Robotics

Design and Modeling

Computers

Kennedy's STEM Habits of Thinking

These are skills and habits that people from a variety of careers exhibit on a daily basis. We encourage our students to apply the following six habits of thinking in **ALL** of their classrooms.

Inquire



Collaborate



Investigate



Innovate



Design



Reflect



Have questions? Contact us!

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