The STEM School's mission is to develop and share a new paradigm for world-class education using technology as a gateway to cultivate students' inquisitive nature, exercise innovation, think critically, and collaborate to become leaders who are self-sufficient learners with the same passion as evidenced by Chattanooga's Renaissance. Students engage in real-world exploration and problem solving at STEM through the use of the Fab Lab, courses at Chattanooga State, and other collaborative learning opportunities.