

Full name of school: Clark Creek STEM Academy Elementary School

County/ District: Cherokee County School District

School Address: 3219 Hunt Road Acworth, GA 30102

STEM/ STEAM contact and contact information: Ashley Polito, Academic Facilitator ashley.polito@cherokee.k12.ga.us



Website or links highlighting STEM/ STEAM work: Clark Creek Twitter Account: <https://twitter.com/ClarkCreekSTEM>

2017-2018 STEM Expo (An annual event for students to showcase their projects): <https://youtu.be/fN0rxzRMqk>

GA STEM Day 2018- Star Wars themed STEM Activities: <https://youtu.be/onrAjcDaOLk>

Unique Characteristics of your STEM/ STEAM program	
Clark Creek Engineering Design Process	Clark Creek has designed a special "Engineering Design Process" logo which is displayed in all classrooms and learning areas of the school. The vocabulary used in the EDP is integrated into all subject areas and is used to solve a variety of problems in the classroom and throughout the school.
Odyssey Engineering Lab	Included in our "Specials Rotation", all Clark Creek students attend an engineering and robotics class along with P.E., Music, Art and a variety of other labs.
Discovery Science Lab	Included in our "Specials Rotation", all Clark Creek students attend a hands-on science lab as an extension to their science instruction in the classroom. This lab is in addition to P.E., Music, Art and a variety of other labs.
Innovation Lab	Included in our "Specials Rotation", all Clark Creek students attend a writing lab in which they use iPads and other technology tools to practice the writing process.
Maker Space Lab	Located in the Media Center, students are invited to utilize our Maker Space Lab where a variety of innovative ideas can come to life.
RedHawk Cooking Lab	A lab area that teachers and students can use to cook or do "messy projects" is our RedHawk Cooking Lab. This lab includes a full kitchen and cooking utensils.
Global/Virtual Learning	Students can experience real-life experts and presentations on a variety of topics by attending a Skype session. During Skype sessions students are often introduced to a new topic by an expert or are presenting their research or products to a variety of audiences. Clark Creek also has Four Z-Space Computers which provide 3D learning opportunities. These 3D computers are located in the Discovery Science and Odyssey Engineer Labs.
Garden	The Redhawk Garden teaches our students how to become responsible caretakers and creates awareness for our environment. They have the opportunity to engage in agricultural practices and learn about the responsibilities of caring for plants and our outdoor learning space.
Professional Networking	Clark Creek hosts Educator STEM Tours, "Redhawk Nation Tour" (PBIS), and Parent Tours. The purpose of the tours is to invite educators and the community into classrooms to see STEM Integration in action.

Date range of your certification (this is on your banner): Clark Creek STEM Academy became STEM Certified by the Georgia Department of Education in September of 2013.

Business/ Community Partnership Information		Partnership Highlights
	Yanmar EVO Center 5889 Old Alabama Rd, Acworth, GA 30102	-Use Yanmar event facility to host meetings and team-building events -Video production support by creating professional videos of school events -Collaboration on STEM Projects- Ideas for Project Based Learning Entry Event -Expert on STEM Career and available for Skyping or guest speaking -Provide Teacher Professional Development
	Enercon 500 Townpark Ln, Kennesaw, GA 30144	-Collaboration for STEM project: 5 th Grade Volume City (Students build a 3D city and are required to set up working electricity in the model) -Expert on STEM Career and available for Skyping or guest speaking

Pictures

