

Honey Creek Elementary STEM Program

Science Technology Engineering Mathematics



Specialty & Choice Options

700 Honey Creek Road, Conyers, GA 30094 • 770-483-5706 • rockdaleschools.org

Program Overview

Honey Creek Elementary STEM Academy is designed to seamlessly integrate Science, Technology, Engineering, and Math concepts into the Common Core Georgia Performance Standards (CCGPS). Teaching teams, in collaboration with subject matter experts, community partners, Master Teachers and curriculum coaches, developed rigorous, cross-curricular units based on the CCGPS and STEM components. These student-centered, real-world exploratory units are designed to include:

- interactive project-based learning;
- support advanced classroom and laboratory experiences;
- student collaboration;
- numerous field studies;
- service learning components;
- 21st Century Technology Tools; and
- enrichment opportunities for all students.



Components for Student Success

Our hands-on approach to STEM is designed to spark the students' desire to explore, investigate, examine, and question real-world topics. Students will work independently and together to discover solutions and expand their knowledge and skills in a fun and interactive learning environment.

Parent involvement is essential for supporting school, class, and student projects, as well as connecting STEM between school and home.

Additional Academic Services

Instructional methods at Honey Creek Elementary incorporate a myriad of ideas and teaching styles. Our school mission ensures that teachers will provide all students with varied learning experiences using best practices and research-based instruction. As a result students are given the opportunity to participate in numerous acceleration, remediation, and enrichment programs. Some programs available are STEM Science Lab, outdoor garden, Math Masters, SPLAT, Morning Labs, and Program Challenge.

Application, Eligibility, and Lottery

RCPS will use an electronic application process for 2017-18 School Choice programs. **No paper applications will be accepted.**

Students may apply for one School Choice program only for the 2017-18 school year.

The application window is November 28 - December 16, 2016. The online application will be available on the district website at: **rockdaleschools.org**

The Student Registration Office at 1143 West Avenue will provide assistance to access the online application if needed, Monday through Friday, 8:00 a.m. - 3:00 p.m., on a first come, first served basis. Only complete applications will be accepted.

Eligibility Criteria

- Students must meet standards in ELA, Reading, Math, Science, and Social Studies on the Milestones assessment.
- Students must meet the student registration requirement for Rockdale County Public Schools.
- Students and parents must agree to the Choice contract.

Lottery

In the event there are more eligible applicants than space available, students will be selected via a random lottery drawing. If needed, a lottery will be held in January.





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A Message from the Principal

Welcome to Honey Creek, a national award-winning school recognized for its excellence, vision, dedication, and approach to learning aimed at encompassing both academics and the character of the whole child.

Honey Creek is committed to generating a full spectrum of opportunities for achievement and success through science, technology, engineering and mathematics (STEM). By using 21st Century technology for teaching and learning, a rigorous STEM curriculum and engaging every student in enrichment activities, we will empower our students to reach for the future of their choice.

We have fifty-one highly qualified faculty members who have over 520 years of combined classroom experience and almost three quarters of our teachers have earned a Master's Degree or higher. Our faculty and staff provide a safe, caring and nurturing environment so that our students can learn and thrive.

We invite you to become our partner in education as we explore the world of STEM together!

Hillary Meeler



Opportunities through Partnerships

An important part of Honey Creek's mission is to maximize family and community alliances for student success. We rely on our partners to be involved with many of our exploratory units to enhance the learning environment and allow students to see how STEM is part of everyday living. Some of our partnership highlights include:

- **Growing Green: Learning Through Gardening School-Wide Unit** - Lowe's, Horizons LTD., Chancey's Trucking, ACE Hardware
- **Plant Packaging Unit** - United Parcel Service, Rockdale County Fire Department
- **Designing Windmills Unit** - Mr. Frank Jones, Manufacturing Engineer
- **Career Day** - Mr. Clark, Soil Scientist; NASA; Mr. Thompkins, Apps Creator, Game Creator, Author; Judge Irwin; Fire House; Rockdale County Sheriff's K-9 and Motorcycle Units; Chancey's Trucking; HERO
- **Learning for Life Units** - University of Georgia Cooperative Extension
- **Solid As a Rock: Replicating Artifacts Unit** - Tile and Flooring
- **Electricity Unit** - Georgia Power
- Rockdale Recycling Company
- Georgia State Patrol

About HCE Extracurricular Activities:

The "Bee-Hive" of HCE is a constant "buzz" of activity encouraging academic excellence, supporting continuous learning, and promoting self-confident, responsible learners. We offer a variety of Enrichment Clubs.

- 4-H Club
- Bee Bots Robotics Club
- Bee TV
- Helen Ruffin Reading Bowl
- Intramural Sports
- Marathon in a Month
- Math 24
- Math Masters Practical Solutions
- Engineering Club
- Safety Patrol
- Science Olympiad
- Show Me the Drama
- Spanish
- Student Council
- Trash to Treasure
- Whatchamacallit

In addition to the above, we look for opportunities to extend the learning in unique and creative ways. These extensions include:

- Healthy Foods Parade
- Family Fitness Night
- Rainbow Foods Week
- Jump Rope for Heart
- Pi Day
- Dr. Seuss Day
- Relay for Life
- Invention Convention
- Black History Month Wax Museum
- Market Day
- Engineering is Elementary
- Technology Showcase
- Social Studies/Science Showcase
- Oratorical Showcase
- Reduce, Reuse, Recycle Trashion Show
- Hour of Coding

