

STEM *at a glance*

Number of STEM students: All students grades kindergarten through 3rd (1,539).

STEM coursework: In addition to 96 minutes of daily math instruction and 48 minutes of daily science instruction, all students receive a 48-minute (minimum) STEM segment each week.

Teacher certification: 100% of STEM teachers are highly qualified.

Professional development: All CES teachers participate in on-going STEM professional development, provided individually and in group settings by teacher leaders, the Carrollton City Schools technology coach and West Georgia RESA.

Business and community partnerships: In addition to an active systemwide STEM Advisory Board, CES has established partnerships with West Georgia RESA and Georgia Youth Science and Technology Center. CES will present at West Georgia RESA in January.

CES STEM Committee: This committee meets monthly to review and enhance STEM unit development and plan professional development.

STEM briefs/units: All STEM units are developed through collaboration and posted in Atlas, the system curriculum mapping software.

Technology: All core academic classrooms are equipped with an interactive white board, document camera, student response system and other digital resources. In addition to the 21st Century classrooms, CES has a computer lab equipped

with 24 computers, interactive white board and document camera available for group work. STEM units/ Design Briefs and supporting kits have been organized, essentially making every classroom a STEM lab.



Students observe the strength of their "tornado" houses

STEM camp: Camp has been offered for the past two years by Carrollton High School STEM teachers and students with strong participation.

After-school STEM hands-on science: P.A.L.S 21st CCLC offers STEM hands-on science after-school to more than 100 at-risk students.

STEM Science Parent Night: STEM Science Night is offered annually with an impressive 625 participating in the event last year.

CARROLLTON ELEMENTARY