



# Horizons@GT

Preparing Students for  
the 21st Century & Beyond

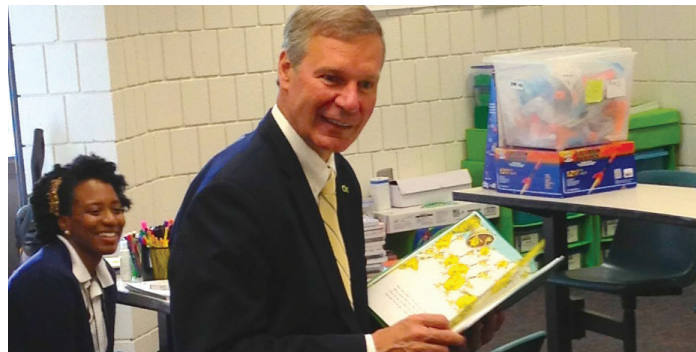


# HORIZONS®

Georgia Institute of Technology

**Horizons@GT** is a full day program that includes transportation from local school campuses, breakfast, lunch, snack, field trips and cultural excursions.

All students, in addition to the regular academic program, increase confidence by learning to swim and development of leadership skills. Hands-on fun STEAM activities are integrated throughout the curriculum.

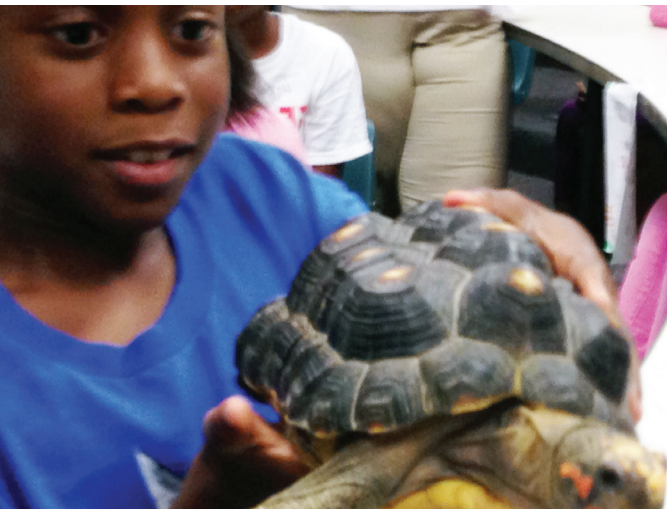


"Bud" Peterson Georgia Tech President Mystery Reader



## Horizons@GT by the Numbers:

- 98** 1st through 6th grade students, 140 students in 2015 and beyond
- 2-3** month gain in reading and math skills each summer
- 2/3** start below grade level in reading and math
- 100%** on free and reduced lunch during school year
- 100%** Atlanta City Schools, Centennial Elementary and Drew Charter
- 100%** learn Computer Science and STEAM
- 100%** learn to swim







**Horizons@GT** offers a free six-week summer learning program to low-income K-12 students in Atlanta on the Georgia Tech Campus. Approximately 2/3 of the students are below grade level in math and reading. Students experience life on a real college campus and use classrooms and facilities just like regular GT students. The program is focused on increasing 21st Century literacy skills in Science, Technology, Engineering, Art, and Mathematics (STEAM). Our core goal is to develop student reading, math and science skills to the point where they can one day attend a leading university like Georgia Tech.

The curriculum is designed to support the public school's academic goals and aligns with best practices in experiential learning, building confidence, problem-solving and academic self-esteem. 21st Century Skills are cultivated through an innovative computer science component teaching all students, K-12, the essentials of computational thinking and programming. Students begin with block-based tools learning the fundamentals of problem solving, debugging, logical thinking and persistence.



**Horizons@GT** work with students and their families for consecutive summers, building a lasting community that engages parents, children, teachers and educational leaders in the learning process. A high school component is planned for the future. The student teacher ratio is 5:1 and includes an experienced lead teacher, assistants and high school volunteers. Students are also invited to participate in 1-4 hands-on STEAM learning sessions on Saturdays at Georgia Tech throughout the school year. In 2014 98 students were enrolled at GT and 140 are expected in 2015. Teachers and administrators report that when Horizons students return to school each fall, they are more motivated academically, more eager to learn, and more likely to become school leaders.

