



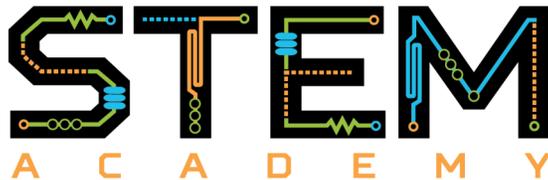
What is the mission of Friends of Phenix City Schools?

The mission of Friends of PCS is to build partnerships between Phenix City Schools and those who have a vested interest in the future of our children.

As education advances, our school system is committed to staying at the cutting edge – for every child in Phenix City. However, more and more each year, PCS has to rely on private support to bridge the gap left by decreased state and federal funding. Friends of PCS works closely with the community and alumni to raise money to ensure that PCS remains ahead of the game.

There are many opportunities to make a difference in the education of our students and be a champion for Phenix City Schools. With your help, we can make our plans and dreams a reality.

TOGETHER WE CAN!



...BE A CHAMPION FOR PHENIX CITY SCHOOLS...



inquiry • innovation • impact

Additional FOPCS Projects:

Central High School and Central Freshman Academy Expansion Project

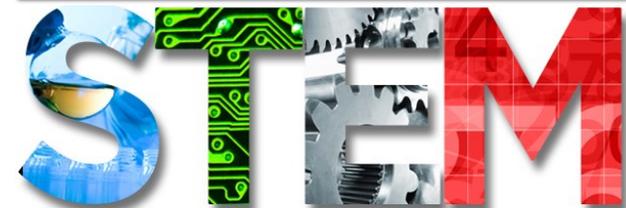
TOGETHER WE CAN!

For more information about Friends of Phenix City Schools, our projects, and opportunities to support PCS, please contact:

Friends of Phenix City Schools
Phenix City Board of Education
Educational Services Center
1212 Ninth Avenue • P.O. Box 460
Phenix City, Alabama 36868
334.298.0534 • 334-298-6690 fax



FRIENDS OF PHENIX CITY SCHOOLS



SCIENCE | TECHNOLOGY | ENGINEERING | MATHEMATICS

CENTER PROJECT



inquiry • innovation • impact



PCS STEM Center Project

PCIS Stem Lab



Front of
PCIS
STEM Lab



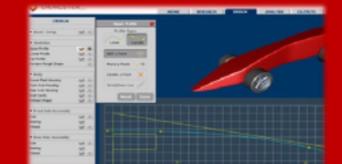
Side of
PCIS
STEM Lab

PCS will build a 9,000 square foot STEM Center on the campus of Phenix City Intermediate School. The STEM Center will house a Coding Lab, Digital Media Lab, Engineering Lab, and Virtual Learning Lab, as well as a Digital Globe, a Saltwater Aquarium, and a River Tank featuring plants and animals native to the Chattahoochee River. Phenix City Intermediate School will also be home to the STEM Academy, which will offer an accelerated curriculum for qualified 6th and 7th grade students.

SGS Stem Lab



South Girard School will gain a LEGO Robotics Lab, an Engineering Lab with Whitebox Learning, and a state of the art Digital Media and Coding Lab, equipped with iMacs.



What is STEM?

STEM is an acronym for Science, Technology, Engineering, and Math education. We focus on these areas together not only because the skills and knowledge in each discipline are essential for student success, but also because these fields are deeply intertwined in the real world and in how students learn most effectively.



Why STEM?

STEM education creates critical thinkers, increases science literacy, and enables the next generation of innovators. Innovation leads to new products and processes that sustain our economy. This innovation and science literacy depends on a solid knowledge base in the STEM areas.



Who needs it?

We are all STEM

Everyone! Have you considered how often we experience STEM in our lives? **Science** is our natural world – space, weather, plants, animals, food, the fuel that heats our homes and powers transportation – the list is almost endless. In today's world, **technology** means computers and smartphones, but it goes back to television, radio, microscopes, telescopes, the compass, and even the first wheel. Yes, **engineering** designs buildings, roads, and bridges, but it also tackles today's challenges of transportation, global warming and environment-friendly machines, appliances and systems. We encounter **mathematics** at the grocery store, the bank, on tax forms, and the family budget. Every other STEM field depends on mathematics. *STEM is important because it is infused in every aspect of our lives.*

SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS

Why PCS?

Phenix City Schools has a poverty rate of 70%. In 2009, the United States Department of Labor listed the ten most wanted employees. Eight of those employees were ones with degrees in the STEM fields: accounting, computer science, electrical engineering, mechanical engineering, information sciences and systems, computer engineering, civil engineering, and economics and finance. According to the U. S. Department of Commerce, STEM occupations are growing at 17%, while others are growing at 9.8%. Health care workers with associate degrees to doctors of medicine will average 20% more in lifetime earnings than peers with similar degrees in non-health care. A glance at 2010 starting salaries for engineers with \$47,145 for civil engineers to \$60,054 for chemical engineers is strong evidence that STEM related jobs can be financially rewarding careers for our children. STEM is our children's future—the technological age in which they live, their best career options, their key to wise decisions, and their way to STEM out of poverty.

...STEM out of poverty...

Phenix City Schools' Response

- iPads for every student 6-8
- STEM Academy
- Accelerated Curriculum
- Coding Lab
- Engineering Lab
- Robotics Lab
- Virtual Learning Lab
- Digital Media Lab
- Wireless Access Districtwide

PCS will give students unparalleled educational opportunities through the combination of a state of the art facility, challenging curriculum, a student management system, and innovative technologies.

