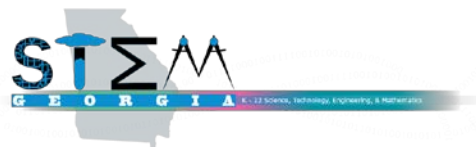


## STEM Goals - Houston County School System

1. Build and support a STEM culture within our schools and community.
2. Provide STEM professional learning opportunities for employees.
3. Increase student 21<sup>st</sup> century skills and technological literacy by providing opportunities for students to experience STEM inquiry-based, hands-on learning through interdisciplinary approaches.
4. Support schools seeking Georgia STEM Program/School Certification.
5. Establish and nurture business, community, post-secondary, and governmental agency partnerships in support of STEM initiatives.
6. Generate STEM awareness with our school families and the general public through videos, festivals, websites and presentations.
7. Provide local business, industry, and post-secondary institutions with students interested in and capable of pursuing STEM careers.
8. Sustain partnership with the National Math and Science Initiative (NMSI) to increase enrollment and qualifying scores in Advanced Placement math, science, and English.
9. Encourage creativity through the incorporation of the creative arts with STEM.

[www.hcbe.net/STEM](http://www.hcbe.net/STEM)



## STEM Goals – Georgia Department of Education

- Empower students to become innovators and technologically proficient problem solvers.
- Ensure that all students have access to the appropriate technology conducive to enhancing their learning experiences both in and outside the traditional classroom.
- Increase student 21st century skills and technological literacy by providing students with opportunities to use the technical tools of the STEM industry.
- Guide community understanding of the importance of STEM education and build capacity to sustain a viable STEM educational program to prepare students for work and life in the 21st century
- Increase Georgia's capacity to provide high quality K-12 STEM professional learning opportunities
- Nurture partnerships that allow schools and the business sector to join efforts to improve students' STEM-career opportunities
- Increase the number of students pursuing careers in STEM-related fields and/or post-secondary STEM related education/training.

<http://STEMgeorgia.org/georgia-STEM-initiatives/>

September 2014