

The Savannah-Chatham County Public School System is requesting a Magnet Schools Assistance Program (MSAP) grant to implement the **Lighthouse Project**. Funds will be used to set up and operate three STEAM magnet schools. The project will use the highly successful Comer model as a reform method for instructing students from diverse racial and socioeconomic background to learn using a project-based approach in sophisticated technological school settings.

The three schools will require specialized personnel, curriculum development, a great deal of specialized equipment, specific software, unique supplies, and extensive staff development efforts to assure the full implementation of the curriculum and appropriate use of the equipment, software, and supplies that will be used for instruction.

The success of **Lighthouse Project** will be based on addressing *three key objectives*. (1) African American Racial Isolation will be reduced and/or eliminated in project schools; (2) The three Magnet Schools will provide students with a high-quality relevant education, and (3) The STEAM magnet themes in the funded schools stimulates the interest and imagination of students.

The AB Williams Elementary School (located in an Opportunity Zone) will become the **AB Williams STEAM Magnet Elementary School**; the Hubert Middle School (also located in an Opportunity Zone) will become the **Hubert STEAM Magnet Middle School**; and School of Liberal Arts at Savannah High School will integrate the STEAM theme and become the **Savannah STEAM Magnet High School**.

The **STEAM** magnet themes are designed to be attractive enough to reduce the African American racial isolation, and to create economic diversity in these schools while improving student achievement. The **STEAM** themes will emphasize the use of Project Based Instruction as part of the thematic approach so that each school and its students meet all requirements set out in Georgia's new academic standards.

Professional development will address the most recent findings regarding teaching styles, effective teaching practices, student learning practices, innovative learning practices, change process, curriculum reform, thematic integration, team-oriented management, and the means to continue these approaches for years after the grant ends.