

**ESTABLISH A SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS PROGRAM  
AT EARLE ELEMENTARY SCHOOL**

**THE CHIEF EXECUTIVE OFFICER RECOMMENDS:**

That the Board approve the establishment of a Science, Technology, Engineering, and Mathematics program at Earle Elementary school.

**Description:** Effective July 1, 2013, Earle Elementary will begin implementation of a STEM based educational approach focusing on grades 6-8.

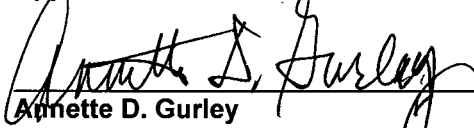
**CURRICULUM:** The STEM program will provide engaging learning environments to develop life-long learners and 21<sup>st</sup> century global citizens. The STEM program will provide students with a challenging, integrated curriculum that focuses on cultivating problem solving capabilities grounded in evidence-based reasoning. Earle Elementary will provide students with a strong foundation in math, science, technology and early engineering based education beginning at the kindergarten level culminating with entry into the STEM program for grades 6 - 8.

**LSC Review:** Not applicable

**PERSONNEL IMPLICATIONS:** A total of 7 teaching positions will be closed at the end of the 2013-14 school year. Educational support personnel positions will not be affected. Seven new teaching positions programmed as STEM teacher-in-training positions will be opened for the 2014-15 school year and filled through the Board's job posting procedures.

**FINANCIAL:** \$376,000 for Department of Magnet, Gifted, and Talented to fund start up supplies and equipment as well as 2 supplemental teaching positions beginning in the fall of 2013.


Approved for Consideration:

  
Annette D. Gurley  
Chief Officer of Teaching and Learning

Approved:

  
Barbara Byrd-Bennett  
Chief Executive Officer

Approved as to legal form:

  
James L. Bebley  
General Counsel