

Ms. Lubby Navarro, Board Member

**SUBJECT: EXPLORE THE FEASIBILITY AND COST ASSOCIATED WITH INCREASING FEMALE STUDENT PARTICIPATION IN S.T.E.M. (SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS) RELATED ACTIVITIES**

**COMMITTEE: INNOVATION, GOVERNMENTAL RELATIONS & COMMUNITY ENGAGEMENT**

**LINK TO STRATEGIC FRAMEWORK: STUDENT, PARENT, AND COMMUNITY ENGAGEMENT**

This Board item aims at increasing the pool of historically underrepresented and under-served students who will be prepared to enter and complete post-secondary studies in Science, Technology, Engineering and Mathematics (STEM), thus creating a diverse and globally competitive workforce.

While female participation in STEM has increased in Miami Dade County Public Schools over the past three years, national research in this area differs.

In its efforts to offer the best education possible for all students, and to make the School District more competitive, a study that proposes to explore the possibility of increasing female participation at the elementary school level with a focus on Engineering/Robotics and Coding/Programming, will be beneficial to engage, recruit, and increase female student participation in STEM related activities.

Approval of this item directs the Superintendent to conduct a study determining the feasibility of and cost associated with increasing female student participation in STEM related activities.

**ACTION PROPOSED BY  
LUBBY NAVARRO:**

That The School Board of Miami-Dade County, Florida, direct the Superintendent to:

1. Conduct a study determining the feasibility and cost associated with increasing female student participation in STEM related activities; and
2. Report the results and recommendations of the study to the Board by the July 2015 Meeting.