

Dr. Martin Karp, Vice-Chair

**SUBJECT: SCIENCE AND MATHEMATICS STUDENT-ORIENTED  
ACTIVITIES**

**COMMITTEE: INSTRUCTIONAL EXCELLENCE AND COMMUNITY  
ENGAGEMENT**

**LINK TO DEVELOP OUR STUDENTS SO THAT THEY ARE ABLE  
STRATEGIC PLAN: TO COMPETE IN THE GLOBAL ECONOMY**

At the July 19, 2006 School Board meeting, Agenda Item C-44 authorized the Superintendent to accept the report, *Status of Science and Mathematics Student-Oriented Activities*. This item was proffered in response to Agenda Item B-14, Declining Focus on Student-Oriented Science Research and Participation in Competitions, which was approved by the full Board on February 15, 2006.

Given the recent results on the FCAT in the area of science and low participation in this year's Miami Dade County Science and Engineering Fair, there is a need for further review of the attention being given to science instruction and the support provided to improve student performance, increase student interest and expand participation in science competitions.

Staff from the Office of Curriculum and Instruction developed the K-12 Science Plan in 2006. While long-term effects of the plan are not known, the Superintendent's staff should review the science strategies to ensure full implementation, analyze the current direction taken, and offer modifications or additions where desired results have not been achieved.

**ACTION PROPOSED BY  
DR. MARTIN KARP:**

That The School Board of Miami-Dade County, Florida directs the Superintendent to provide an update on restructured efforts delineated in the *Status of Science and Mathematics Student-Oriented Activities* report and to offer modifications or additions needed where desired results were not achieved.