

1. examine supporting and providing incentives to school site personnel who encourage students to participate in local, state, national and international science, mathematics and engineering competitions, and to teachers who sponsor clubs/activities that encourage students who are interested in science, mathematics, and engineering;
2. review the number and quality of high school science laboratories and demonstration rooms that are being built in new and renovated secondary schools and submit a report to the Board no later than August 2006;
3. review current practices of disseminating information on science, mathematics, and engineering fairs and competitions to school sites and their teachers with an emphasis on encouraging all middle and senior high schools to have entries in the Miami-Dade County Science and Engineering Fair;
4. explore establishing a school for high performing students interested in science, mathematics and engineering and require testing for admission. The school should include an appropriate number of laboratories, and ensure that students are given an opportunity to receive internships at research centers with transportation provided if needed;
- *5. examine establishing a District Priority budget for science, mathematics, and engineering competitions, with the re-establishment of dedicated district staff positions, placed in the appropriate department to oversee competitions, promote research internships, and other outreach efforts and submit a report to the Board at the July 2006 Board meeting; and
6. encourage senior high schools to offer a research course where students are engaged in active research.