

Education  
Joseph H. Mathos, Deputy Superintendent

**SUBJECT: REQUEST FOR APPROVAL OF THE COMPREHENSIVE MATHEMATICS AND SCIENCE PLAN ENTITLED "MATHEMATICS AND SCIENCE LITERACY — BRIDGES TO THE WORKPLACE"**

The Superintendent has directed the Division of Mathematics and Science to prepare a district comprehensive plan that is designed to 1) strengthen the quantity and the quality of content in mathematics and science, 2) improve teaching practices in mathematics and science, and 3) accelerate student achievement in mathematics and science. The plan is entitled "Mathematics and Science Literacy — Bridges to the Workplace."

Specific sections of the plan provide the district's vision and proposed actions for improving student achievement in mathematics and science. "Mathematics and Science Literacy — Bridges to the Workplace" consists of the following sections:

- I - Executive Summary;
- II - Introduction;
- III - The Blueprint — Mathematics and Science Curriculum;
- IV - The Foundation — The Elementary Program;
- V - The Scaffolding — The Middle School Program;
- VI - The Superstructure — The Senior High School Program;
- VII - Teacher Development — School Site Support for Improving Teaching Practice;
- VIII - Evaluation; and
- IX - Fiscal Implications

A copy of the Miami-Dade County Public Schools Comprehensive Mathematics and Science Plan entitled "Mathematics and Science Literacy — Bridges to the Workplace" will be provided to School Board members under separate cover, and will be available for inspection by the public in the Office of Board Recording Secretary, and the Citizen Information Center.

**RECOMMENDED:** That The School Board of Miami-Dade County, Florida:

1. approve the Comprehensive Mathematics and Science Plan entitled "Mathematics and Science Literacy — Bridges to the Workplace"; and
2. direct the Superintendent to submit budget proposals for this plan as part of the 2000-2001 budget cycle.

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