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TO: Members of the State Board of Education

FROM: Nancy S. Grasmick *Nancy*

DATE: December 14, 2010

SUBJECT: Feature RTTT Initiative: Science, Technology, Engineering and Mathematics Education

PURPOSE:

The purpose of this item is to provide an overview of STEM initiatives in the Race to the Top grant application and the relationship of those initiatives to the Governor's STEM Task Force report: "Investing in STEM to Secure Maryland's Future". In addition, Board members will receive an overview of the Maryland Business Roundtable for Education (MBRT) STEM Innovation Network. Because Maryland has been engaged in STEM initiatives prior to the national Race to the Top agenda, partnerships with NASA-Goddard and Northrop Grumman, as well as Maryland grants to local systems, will be highlighted.

BACKGROUND:

In the past three decades of reform, Maryland has been a leader in providing several million dollars in funding for local school systems to develop STEM programs. Businesses, universities and the state's high-tech sectors have contributed time, money, and expertise to Maryland's STEM work. In September 2008, Governor O'Malley created a STEM Task Force, and the report was presented to the Governor in 2009. The seven recommendations from the report were included in Maryland's Race to the Top application. Maryland received 100% of the 15 points possible for STEM in the grant, and the STEM goals, which are integrated throughout the application, will drive the continued development, implementation, and evaluation of Maryland's commitment to STEM.

ACTION:

There is no action required. This is for information only.

Attachments



Links to key MBRT STEM attachments:

STEM Task Force:
(August 2009)

News release ... <http://mbrt.org/2010/12/stem-task-force/>

Full Report (large PDF file) ...

<http://www.governor.maryland.gov/documents/090806stemReport.pdf>

STEMnet Teachers Hub:
(November 2010)

News release ... <http://mbrt.org/2010/11/stemnet-teachers-hub/>

Full Report (large PDF file) ... <http://mbrt.org/wp-content/uploads/2010/11/stem-teachers-hub.pdf>