MARYLAND STATE DEPARTMENT OF EDUCATION
Preparing World-Class Students

Bernard J. Sadusky, Ed.D.
Interim State Superintendent of Schools

200 West Baltimore Street • Baltimore, MD 21201 • 410-767-0100 • 410-333-6442 TTY/TDD • MarylandPublicSchools.org

TO: Members of the State Board of Education

FROM: Bernard J. Sadusky

DATE: October 25, 2011

SUBJECT: Race to the Top Technology Projects

PURPOSE:

The purpose of this item is to provide the Maryland State Board of Education with an overview of 12 Race To The Top (RTTT) technology projects scheduled to be deployed across the State. The overview will provide helpful insights into one of these technology projects focused on steps being taken to enhance the Educator Information System (EIS).

BACKGROUND:

The RTTT grant is comprised of 54 projects that are delineated into three program areas: (a) Academic, (b) Technology, and (c) Longitudinal Data Systems. Academic projects focus on improving student and educator performance through the adoption and assimilation of the Common Core standards. Technology projects focus on the deployment of enterprise applications and the development of instructional content that support the adoption of Common Core standards. Longitudinal Data Systems projects focus on the enhancement of data collection and reporting capabilities through the implementation of a consolidated longitudinal data platform.

EXECUTIVE SUMMARY:

Maryland has a unique opportunity afforded through the RTTT grant that enables the State to build a statewide technology infrastructure that links data elements with analytic and instructional tools to promote student achievement. A subset of these instructional tools and processes will expand the Online Instructional Toolkit and equip teachers with curriculum information, model lessons, formative assessments aligned with the Common Core Standards, and the vehicle for facilitating professional development opportunities to increase educator performance. There are a number of projects that are being implemented that leverage technology to meet these objectives: 16 of which focus on assessment and longitudinal data systems, and 12 that enable enterprise wide capabilities that support the delivery of instruction and provide electronic content and instructional aids aimed at increasing educator effectiveness.

These 12 projects include:

1. Curriculum and Formative Assessment Development
2. Curriculum and Formative Assessment Development for the International Technology and Engineering Educators Association (ITEEA)
3. Develop and Implement State Curriculum Management System
4. Expand Instructional Toolkit
5. Science Technology Engineering Math (STEM) Instructional and Career Support
6. Implement a Statewide System to Support Student Instructional Intervention
7. Develop OnLine Instructional Intervention Modules
8. Develop Framework for Teacher Toolkit Portal
9. Develop and Implement a Course Registration System
10. Implement a System to Support ELearning for Intervention, Enhancement, and Enrichment
11. Expand Educator Information System to Accommodate Additional Data
12. Develop OnLine PD on Educator Instructional Improvement Content

Each of the projects falls under one of Maryland's 15 goals in the grant and is being implemented in accordance with its detailed project schedule. Today's presentation will highlight one of these projects: Project #49: The expansion of the Educator Information System to accommodate additional data. Recognizing the importance of aligning student growth with principal and teacher effectiveness, Maryland is designing and implementing a process to enhance the Educator Information System (EIS) to include teacher and principal evaluation and professional development data aligned with the Longitudinal Data System. In the end, these systems will provide the capabilities to correlate student growth with teacher and principal effectiveness. This emphasis on teacher and principal accountability, as it relates to student growth, necessitates major changes to EIS in order to facilitate access to this new data set to make employment related decisions. Today's presentation will provide insights into this important project.

ACTION:

For information only, no action required.

BJS/dj
Attachments