



Math/Science REPORT

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- **Goal 1: Increasing student interest, participation, and achievement in math & science**
- **Goal 2: Raising public support and awareness of the importance of science and math**
- **Goal 3: Establishing effective collaborations with internal and external partners**



- **Goal 1: Increasing student interest, participation, and achievement in math & science**

STANDARDS-BASED ASSESSMENT RESULTS MADE PUBLIC ON AUGUST 1

Public Education Secretary Veronica García made public on August 3 the results of the 2009 New Mexico Standards-Based Assessments: “Adequate Yearly Progress and Achievement Gap Announcement” (available at www.ped.state.nm.us). Although the overall, and most subject, grade level and subgroups trends were positive, the number of schools **not** meeting Adequate Yearly Progress (AYP) increased from 68% to 69%.

MS BUREAU PARTICIPATES IN PROPOSAL REVIEWS FOR NEW NMSBA VENDOR

Mary Jo Daniel served on the proposal evaluation committee for the assessment contract for the NM Standards Based Assessment and the new High School Graduation Assessment. An announcement of the contract award is expected imminently. Development work on the 2010 SBA will be compressed into a shorter time period than usual because of the contract awarding process. The blueprint which determines the general structure of the assessment for the science portion of the SBA is expected to be revised to address areas of concern identified in the federal peer review that was conducted last summer.

GRADES K-12 SCIENCE STANDARDS ALIGNMENT DOCUMENTS DUE AUGUST 15

House Bill 911 (2007) required that

Each school district shall align its curricula to meet the state standards for each grade level and subject area so that students who transfer between public schools within the school district receive the same educational opportunity within the same grade or subject area.

Alignment documents for K-12 Science are due to the Math and Science Bureau by August 15, 2009. Grades 9-12 Math alignments will be due in January 2010.

MSB INVOLVED IN ELL SUMMIT

Claudia Ahlstrom was a member of the steering committee and Mary Jo Daniel participated in the first English Language Learner Summit held June 1-2. The meeting was facilitated by New Mexico First and followed their Town Hall protocols. The meeting resulted in 60 recommendations aimed at narrowing the achievement gap between ELL students and their English-speaking peers. An implementation team has been charged with prioritizing and condensing the recommendations and developing next steps. A report of the summit is available at www.ped.state.nm.us/ayp2009/ELLsummitReport.pdf.

MATH AND SCIENCE SUMMER INSTITUTES

Pascal Buser is compiling participant lists and evaluation reports submitted by the FY09 Summer Institutes so the Bureau can generate a report to the LESC and Secretary García. Claudia Ahlstrom and Mary Jo Daniel have been visiting FY10 Summer Institutes and will continue to observe and provide feedback to these projects as well as the Math Science Partnership (federal) grant projects.

MATH SCIENCE PARTNERSHIP RFP

New Mexico has been awarded an additional \$1,481,848 for the period July 1, 2009 through September 30, 2010 from the U.S. Department of Education for Math Science Partnership grants. As in previous years, the grants will target mathematics, with a focus on grades 5-12. The RFP is in the PED internal review process; the projected date for publishing the RFP is September 1, 2009.



● Goal 2: Raising public support and awareness of the importance of science and math

PRESENTATIONS OF NM PROJECT 2012

In July, Bob Eisenstein, Rick Scott, and Mary Jo Daniel co-presented a session on MSAC activities and NM Project 2012 at the NM Coalition of School Administrators in Albuquerque. The following week Mary Jo and Toney Begay repeated the session (twice!) at the Southern NM Educational Resource Center conference for administrators. Participants were asked to list three top questions/issues/concerns they had about Math and Science; the MS Bureau has compiled this input.

2009 NMSTA/NMCTM/EEANM CONFERENCE

This year's conference for math and science teachers will be held October 22-24 in Ruidoso, NM. The Call for Proposals, Exhibitor Registration, and Participant Registration forms are now available on line at www.nmsta.org and www.nmctm.org.



● Goal 3: Establishing effective collaborations with internal and external partners

MATH SCIENCE BUREAU COLLABORATING WITH OEA

The Office of Education Accountability (OEA) has reached out to the Math and Science Bureau to partner on several activities taking place over the next 2 months: a grant proposal to study the impact of requiring Algebra II in high school, preparing a Teacher Quality Partnership Grant (with UNM and NMSU), and reviewing and revising Entry Level Competencies for Math Teachers.

STARS COURSE CODE CLEAN UP

MS Bureau staff is working with PED Licensure, IT, and Humanities to review and, as necessary, revise course code offerings and descriptions for math and science. The intent is to better align these sometimes out-dated courses with NM Standards and current statutory requirements and to provide guidance to districts.

MATH SCIENCE BUREAU AND IDEAL-NM

Gloria Rendón, Assistant Secretary for Instructional Support and Vocational Education, has convened a group to build collaboration between IDEAL-NM and other programs in PED. The Math and Science Bureau is participating in this work and hopes to increase its role in reviewing math and science courses developed and offered by IDEAL-NM.