



***New Mexico Public  
Education Department***

***Math and Science  
Bureau***

***Math and Science  
Advisory Council***

## ***New Mexico Project 2012 at a Glance***

***(Full download available at: [www.sfafs.org/nmproject2012\\_documentation.asp](http://www.sfafs.org/nmproject2012_documentation.asp))***

*New Mexico Project 2012* is a plan for transformational change in K-12 math and science education in our State. Its goal is that in five years our students will be among the nation's leaders in math and science achievement. For this to occur we must:

- Provide much better preparation in math and science content for newly-graduating teachers.
- Increase significantly the number of math and science teachers in our high schools.
- Increase and strengthen the annual professional development provided to all math and science teachers.
- Adopt statewide K-12 math and science instructional materials that use problem-solving, inquiry-based approaches to learning, and improve our high school science laboratories.
- Coordinate with IDEAL-NM and the New Mexico Computing Applications Center to provide high-quality distance learning opportunities in math and science for students and teachers.
- Utilize our large resource of engineers, mathematicians, and scientists to supplement the math and science content knowledge available to students and teachers.
- Create effective partnerships between schools, government agencies, businesses and community organizations to improve math and science education.
- Begin a public awareness campaign to emphasize the importance of math and science education to each individual and to our State.

*New Mexico Project 2012*, prepared by the New Mexico Math and Science Advisory Council, is a detailed plan designed to achieve these objectives.

**Facts and Figures relating to K-12 Math and Science Education appear overleaf.**

## **New Mexico Facts and Figures Relating to K-12 Math and Science Education**

Population (36 <sup>th</sup> in U.S., Census Bureau, 2006)	~ 1,954,000
K-12 students (NEA, 2004)	~ 325,000
Elementary, middle and high schools	~ 1060
School districts in New Mexico (PED)	89
K-12 teachers (FTE's) in public schools (NEA, 2004-5)	~21,700
Public high school math and science teachers (PED)	~1100 (m) and 900 (s)
Annual production of high school math and science teachers	~26 of each
Students ranking "Proficient" or above on 2008 grade 8 math	37%
Students ranking "Proficient" or above on 2008 grade 8 science	26%
Per capita income (46 <sup>th</sup> in U.S., Dept. Commerce, 2005)	\$27,644
Amount spent per year per student (26 <sup>th</sup> in U.S.; NEA, 2004-5)	\$8,178
State outlay for K-12 education	~ \$2.5 billion
State budget, FY2007	~ \$5.2 billion