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## FISCAL IMPACT REPORT

ORIGINAL DATE 1/26/06

SPONSOR Nava LAST UPDATED \_\_\_\_\_ HB \_\_\_\_\_

SHORT TITLE Teacher Math and Science Development SB 451

ANALYST \_\_\_\_\_

### APPROPRIATION (dollars in thousands)

Appropriation		Recurring or Non-Rec	Fund Affected
FY06	FY07		
	\$1,000.0	Recurring	General Fund

(Parenthesis ( ) Indicate Expenditure Decreases)

Relates to HB 126 and SB 25, Middle School Teacher Science and Math Training, duplicate bills

Relates to Appropriation in the General Appropriation Act

### SOURCES OF INFORMATION

LFC Files

Responses Received From  
Public Education Department (PED)

### SUMMARY

#### Synopsis of Bill

Senate Bill 451 appropriates \$1,000,000 from the general fund to the Public Education Department (PED) for expenditure in FY07 to provide teacher professional development summer institutes in mathematics and science for public school teachers..

### FISCAL IMPLICATIONS

Any unexpended or unencumbered balance remaining at the end of fiscal year 2007 shall revert to the general fund. Any unexpended or unencumbered balance remaining at the end of FY07 shall revert to the general fund.

## **SIGNIFICANT ISSUES**

In its analysis the PED reports that:

To keep its competitive edge in the global economy, according to National Academy of Sciences report, “Rising Above the Gathering Storm”, the United States must optimize its knowledge-based resources, particularly in science and technology. This report, commissioned by Senator Jeff Bingaman and others, first recommends to “increase America’s talent pool by vastly improving K-12 science and mathematics education.” An action step under the first recommendation of this report is to “strengthen the skills of 250,000 teachers through training and education programs at summer institutes... and thus inspire students every day.”

Furthermore, the Town Hall/Summit on mathematics and science education, held at Glorieta, New Mexico in November 2005 and convened by the New Mexico Partnership for Math and Science Education, recommended:

The development and implementation of “a structure for comprehensive longitudinal on-going professional development for teachers to develop and refine the pedagogical and content knowledge they need to effectively teach mathematics and science to all students.

Provide teachers with the funding and time they need to participate. Adopt the National Staff Development Council standards.

Protect dedicated time within the school day for professional development in mathematics and science”.

## **PERFORMANCE IMPLICATIONS**

The PED reports the bill has no impact on the agency’s performance measures. However, the activities proposed align to the school support measures to raise student achievement on the criterion-referenced assessments in mathematics and science and the percent of classes being taught by “highly qualified” teachers.

## **ADMINISTRATIVE IMPLICATIONS**

The estimated fiscal impact on PED for RFP development, contract oversight, monitoring of approvals and implementation would require 200 hours of staff time per year as follows: Education Administrator-A at \$25.495 per hour plus benefits (30%) for 140 hours and Office & Administrative Support-A at \$13.605 per hour plus benefits (30%) for 60 hours at total a cost of \$5,701.28.

## **DUBLICATION**

HB 126 and SB 25 are duplicate bills both titles Middle School Teacher Math and Science Training. Each bill proposes to appropriate \$250,000 from the general fund to the Board of Regents of Northern New Mexico State School for expenditure in fiscal year 2007 to provide a program to train middle school teachers to improve their skills, technical knowledge and teaching techniques in science, mathematics and technology so that middle school teachers are better prepared to teach students in those subjects.

**OTHER SUBSTANTIVE ISSUES**

The funding in this bill would afford opportunities for teachers to receive additional training in math and science, two areas in which New Mexico students have consistently scored below national norms. This is an effort help students acquire the science and math skills needed to succeed in the modern world's global economy.

**WHAT WILL BE THE CONSEQUENCES OF NOT ENACTING THIS BILL**

The proposed training will not be provided.

LRB/nt