



JULY 2003 AGENDA

SUBJECT	X	ACTION
The California Mathematics and Science Partnership (CaMSP) Program authorized by No Child Left Behind (NCLB) Title II, Part B		INFORMATION
		PUBLIC HEARING

Recommendation:

The California Department of Education requests State Board of Education approval to release a Request for Application to implement the grant program outlined in the attachment.

Summary of Previous State Board of Education Discussion and Action

This item was brought to the Board as an information item in June 2003. At that time the Board had no questions or suggestions.

Summary of Key Issue(s)

The Mathematics and Science Leadership Office (MSLO) of the CDE is developing the Request for Applications for the California Mathematics and Science Partnership Program. Under the No Child Left Behind (NCLB), Title II, Part B, the State Education Agency (SEA) is required to administer the competitive California Mathematics and Science Partnership Program (CaMSP). The CaMSP program will establish partnerships between high need LEAs and IHEs to improve the academic achievement of students in mathematics and science. The focus of the program is to create opportunities for enhanced and ongoing professional development for mathematics teachers in grades five through nine and science teachers in grades four through eight based upon the California state standards.

Fiscal Analysis (as appropriate)

Approximately \$14 million is available for awards to eligible partnerships, including IHEs and LEAs, to provide high quality professional development in mathematics and science. State administrative costs shall not exceed five per cent.

Attachment(s)

Attachment 1: [Background Information on Title II, Part B and California Mathematics and Science Partnership Focus](#)

Background Information on Title II, Part B

Earlier this year, Congress appropriated \$100,343,500 for the Mathematics and Science Partnerships program, which is authorized under Title II, Part B (§2201-2203) of the Elementary and Secondary Education Act (ESEA), as amended by the No Child Left Behind Act of 2001. Because the appropriation is greater than \$100 million, the program will convert from what has been a U.S. Department of Education (USDOE)-administered competitive grant program to a state educational agency (SEA)-administered competitive grant program.

In FY 2003, the USDOE will make awards to SEAs, which, in turn, must by law award sub-grants on a competitive basis to eligible partnerships. The statute requires the USDOE to provide an amount to each SEA "in proportion to the number of children, aged 5 to 17, who are from families with incomes below the poverty line and reside in a state for the most recent fiscal year for which satisfactory data are available, as compared to the number of such children who reside in all such states for such year" (§2202(a)(2)(B)).

California's estimated FY 2003 allocation is \$14.3 million. These funds become available on July 1, 2003, and must be obligated by the States by September 30, 2004. In practical terms, this means that the States can receive their funds in July 2003 and have until September 2004 to make sub-grants to partnerships, as required in the law. The sub-grantees then have until September 2005 to spend these funds.

To be eligible for a sub-grant, a "partnership" must include both an engineering, mathematics, or science department of an institution of higher education (IHE) and a high-need local educational agency (LEA). In addition to these two required partners, the partnership may also include: another engineering, mathematics, science, or teacher training department of an IHE education; additional LEAs, public charter schools, public or private elementary schools or secondary schools, or a consortium of such schools; a business; or, a nonprofit or for-profit organization of demonstrated effectiveness in improving the quality of mathematics and science teachers (§2201(b)). These requirements are designed to ensure that Mathematics and Science Partnerships emphasize the improvement of content knowledge of teachers in mathematics and science through an expanded role of the disciplinary departments in IHEs.

California's Mathematics and Science Partnership Focus

California's Mathematics and Science Partnership awards will be made in response to a competitive process. Awards will be granted to applicants which adhere to the federal legislation and which focus on California's content standards and adopted instructional materials. With the new science California Standards Test for fifth grade students coming in 2004, and with the implementation of the algebra graduation requirement and the California High School Exit Exam, successful applications will target mathematics teachers in grades five through nine and science teachers in grades four through eight. Core members of funded partnerships will commit to undergo the coordinated institutional change necessary to sustain the partnership effort beyond the funding period. Funded CaMSP programs will participate in the CaMSP Learning Network in which they are linked with other researchers and practitioners in the study and evaluation of educational innovations designed to improve student achievement in mathematics and science.