

103<sup>D</sup> CONGRESS  
1<sup>ST</sup> SESSION

# H. R. 2725

To amend the Elementary and Secondary Education Act of 1965 to strengthen and improve the quality of mathematics and science education, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

JULY 23, 1993

Mr. SAWYER introduced the following bill; which was referred to the Committee on Education and Labor

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## A BILL

To amend the Elementary and Secondary Education Act of 1965 to strengthen and improve the quality of mathematics and science education, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Dwight D. Eisenhower  
5 Mathematics and Science Education Amendments of  
6 1993”.

1 **SEC. 2. AMENDMENTS TO MATHEMATICS AND SCIENCE**  
2 **EDUCATION GRANTS AND PROGRAMS.**

3 (a) IN-STATE APPORTIONMENT.—Section 2005(c)(1)  
4 of the Elementary and Secondary Education Act of 1965  
5 (20 U.S.C. 2985(c)(1)) is amended—

6 (1) by striking “or institution” and inserting “,  
7 institution”; and

8 (2) by inserting after “higher education” the  
9 following: “, nonprofit organizations including, mu-  
10 seums and educational partnership organizations”.

11 (b) ELEMENTARY AND SECONDARY EDUCATION PRO-  
12 GRAMS.—Section 2006 of the Elementary and Secondary  
13 Education Act of 1965 (20 U.S.C. 2986) is amended—

14 (1) in subsection (b)(1)—

15 (A) in subparagraph (B), by inserting after  
16 “minority teachers” the following: “or teachers  
17 who are members of populations that are un-  
18 derserved by and underrepresented in mathe-  
19 matics and science education”; and

20 (B) in subparagraph (C)—

21 (i) by inserting “, calculators” after  
22 “use of”; and

23 (ii) by striking “(which” and all that  
24 follows through “met)”;

25 (2) in paragraph (2) of subsection (d)—

1 (A) by striking “(1)” and inserting  
2 “(1)(A) or (1)(B)”;

3 (B) by striking “elementary and middle  
4 schools” and inserting “elementary schools or  
5 middle schools”; and

6 (C) by inserting “, as appropriate,” after  
7 “such local educational agency”.

8 (c) HIGHER EDUCATION PROGRAMS.—Section 2007  
9 of the Elementary and Secondary Education Act of 1965  
10 (20 U.S.C. 2987) is amended—

11 (1) in subsection (b)—

12 (A) by amending paragraph (1)(B) to read  
13 as follows:

14 “(B)(i) The State agency for higher education shall,  
15 from not less than 80 percent of the funds available under  
16 this subsection, make grants available on a competitive  
17 basis to institutions of higher education, nonprofit organi-  
18 zations, museums, and educational partnership organiza-  
19 tions in the State which apply for payments under this  
20 section and which demonstrate involvement of local edu-  
21 cational agencies.

22 “(ii) The State agency for higher education may,  
23 from not more than 20 percent of the funds available  
24 under this subsection, make discretionary grants for pur-  
25 poses of addressing the needs of populations that are un-

1 derserved by and underrepresented in mathematics and  
2 science education to institutions of higher education in the  
3 State which apply for payments under this section and  
4 which demonstrate involvement of local educational agen-  
5 cies.

6 “(iii) The State agency for higher education shall  
7 make every effort to ensure equitable participation of pri-  
8 vate and public institutions of higher education.”; and

9 (B) in paragraph (2)—

10 (i) in subparagraph (A), by striking  
11 “who” and all that follows through “level”  
12 and inserting “of mathematics and science  
13 at the elementary and secondary levels”;

14 (ii) in subparagraph (B)—

15 (I) by striking the comma before  
16 “including” and inserting the follow-  
17 ing: “and training for elementary  
18 school teachers to increase their con-  
19 tent knowledge of mathematics and  
20 science,”; and

21 (II) by striking “and” at the end;

22 (iii) in subparagraph (C)—

23 (I) by striking “teaching skills”  
24 and inserting “content knowledge,

1 teaching skills, and instructional prac-  
2 tices based on current research”; and

3 (II) by striking the period at the  
4 end and inserting “; and”; and

5 (iv) by adding at the end the following  
6 new subparagraph:

7 “(D) recruiting and training minority students  
8 to become mathematics and science teachers.”;

9 (2) by amending subsection (d) to read as fol-  
10 lows:

11 “(d) TECHNICAL ASSISTANCE AND EVALUATION.—  
12 Not more than 5 percent of the amount available under  
13 this section, or \$30,000, whichever is greater, may be used  
14 by the State agency for higher education for—

15 “(1) providing technical assistance to local edu-  
16 cational agencies, institutions of higher education,  
17 and nonprofit organizations, including museums, li-  
18 braries, and educational television stations, in the  
19 conduct of programs specified in this section;

20 “(2) the costs incurred by the State agency for  
21 higher education for evaluating programs assisted  
22 under this subpart; and

23 “(3) developing plans for reform of teacher  
24 preparation in mathematics and science at the State  
25 level.”; and

1           (3) by adding at the end the following new sub-  
2           section:

3           “(e) ADMINISTRATIVE COSTS.—Not more than 5 per-  
4           cent of the amount available under this section, or  
5           \$30,000, whichever is greater, may be used by the State  
6           agency for higher education for the costs of the adminis-  
7           tration and assessment of programs assisted under this  
8           subpart.

9           (f) STATE APPLICATION.—Section 2008(d) of the El-  
10          ementary and Secondary Education Act of 1965 (20  
11          U.S.C. 2988(d)) is amended by adding at the end the fol-  
12          lowing new paragraph:

13                 “(5) How the programs planned under this sub-  
14                 part reflect consideration of national standards in  
15                 mathematics and science.”.

16          (d) LOCAL APPLICATION.—Section 2009 of the Ele-  
17          mentary and Secondary Education Act of 1965 (20 U.S.C.  
18          2989) is amended—

19                 (1) in subsection (b)—

20                         (A) by inserting before the semicolon at  
21                         the end of paragraph (2) the following: “and  
22                         how the programs reflect consideration of na-  
23                         tional standards in mathematics and science”;

24                         (B) in paragraph (3), by inserting “, sub-  
25                         ject to subsection (d),” after “subpart”;

1 (C) by striking “and” at the end of para-  
2 graph (5);

3 (D) by striking the period at the end of  
4 paragraph (6) and inserting “; and”; and

5 (E) by adding at the end the following new  
6 paragraphs:

7 “(7) describe how funds under this subpart will  
8 be coordinated with other Federal categorical edu-  
9 cation aid and grants that support a clearly articu-  
10 lated state and local education reform plan.”; and

11 (2) by adding at the end the following new sub-  
12 section:

13 “(d) APPLICABILITY OF REGULATIONS UNDER  
14 OTHER MATHEMATICS OR SCIENCE EDUCATION PRO-  
15 GRAMS.—No local educational agency, State educational  
16 agency, or institution of higher education entering into an  
17 agreement with the Secretary of Education to receive  
18 funds under this subpart shall be required to comply with  
19 the regulations of any other separate Federal mathematics  
20 or science education program.”.

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