

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

# H. R. 2724

To provide assistance to States to enable such States to raise the quality of instruction in mathematics and science by providing equipment and materials necessary for hands-on instruction.

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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 provide assistance to States to enable such States to raise the quality of instruction in mathematics and science by providing equipment and materials necessary for hands-on instruction.

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 “Elementary Science  
5 Facilities Act”.

6 **SEC. 2. STATEMENT OF PURPOSE.**

7 It is the purpose of this Act to raise the quality of  
8 instruction in mathematics and science in the Nation’s ele-

1 elementary schools by providing equipment and materials  
2 necessary for hands-on instruction through assistance to  
3 State and local educational agencies.

4 **SEC. 3. PROGRAM AUTHORIZED.**

5 (a) GRANTS.—The Secretary is authorized to make  
6 allotments to State educational agencies under section 4  
7 to enable such agencies to award grants to local edu-  
8 cational agencies for the purpose of providing equipment  
9 and materials to elementary schools to improve mathe-  
10 matics and science education in such schools.

11 (b) AUTHORIZATION OF APPROPRIATIONS.—There  
12 are authorized to be appropriated \$30,000,000 for each  
13 of fiscal years 1994, 1995, and 1996 to carry out this  
14 Act.

15 **SEC. 4. ALLOTMENTS OF FUNDS.**

16 (a) IN GENERAL.—From the amount appropriated  
17 under section 3(b) for any fiscal year, the Secretary shall  
18 reserve—

19 (1) not more than one-half of 1 percent for al-  
20 lotment among Guam, American Samoa, the Virgin  
21 Islands, the Northern Mariana Islands, the Republic  
22 of the Marshall Islands, the Federated States of Mi-  
23 cronesia, and the Republic of Palau according to  
24 their respective needs for assistance under this Act;  
25 and

1           (2) one-half of 1 percent for programs for In-  
2           dian students served by schools funded by the Sec-  
3           retary of the Interior which are consistent with the  
4           purposes of this part.

5           (b) ALLOTMENT.—From the amount not reserved  
6           pursuant to subsection (a), the Secretary shall allot among  
7           State educational agencies as follows:

8           (1) One-half of such remainder shall be distrib-  
9           uted among the State educational agencies by allot-  
10          ting to each State educational agency an amount  
11          which bears the same ratio to such one-half of such  
12          remainder as the number of children aged 5 to 11,  
13          inclusive, in the State bears to the number of such  
14          children in all States.

15          (2) One-half of such remainder shall be distrib-  
16          uted among the State educational agencies according  
17          to each State's share of allocations under chapter 1  
18          of title I of the Elementary and Secondary Edu-  
19          cation Act of 1965.

20          (c) DEFINITIONS.—For the purposes of this Act—

21               (1) the term “elementary school” has the same  
22               meaning given such term in section 1471(8) of the  
23               Elementary and Secondary Education Act of 1965;

24               (2) the term “local educational agency” has the  
25               same meaning given such term in section 1471(12)

1 of the Elementary and Secondary Education Act of  
2 1965;

3 (3) the term “Secretary”, unless otherwise  
4 specified, means the Secretary of Education;

5 (4) the term “State” means each of the 50  
6 States, the District of Columbia, and the Common-  
7 wealth of Puerto Rico; and

8 (5) the term “State educational agency” has  
9 the same meaning given to such term by section  
10 1471(23) of the Elementary and Secondary Edu-  
11 cation Act of 1965.

12 (d) DATA.—The number of children aged 5 to 11,  
13 inclusive, in the State and in all States shall be determined  
14 by the Secretary on the basis of the most recent satisfac-  
15 tory data available to the Secretary.

16 **SEC. 5. STATE GRANTS.**

17 (a) APPLICATION.—Each State educational agency  
18 desiring to receive an allotment under this Act shall file  
19 an application with the Secretary which covers a period  
20 of 3 fiscal years. Such application shall be filed at such  
21 time, in such manner, and containing or accompanied by  
22 such information as the Secretary may reasonably require.

23 (b) CONTENTS OF APPLICATION.—Each application  
24 described in subsection (a) shall—

25 (1) provide assurances that—

1 (A) the State educational agency shall use  
2 the allotment provided under this Act to award  
3 grants to local educational agencies within the  
4 State to enable such local educational agencies  
5 to carry out the purpose of this Act;

6 (B) the State educational agency will pro-  
7 vide such fiscal control and funds accounting as  
8 the Secretary may require;

9 (C) every elementary school in the State is  
10 eligible to receive a grant under this Act once  
11 over the 3-year duration of the program as-  
12 sisted under this Act;

13 (D) funds provided under this Act will sup-  
14 plement, not supplant, State and local funds  
15 made available for activities authorized under  
16 this Act;

17 (E) during the 3-year period described in  
18 the application, the State educational agency  
19 will evaluate its standards and programs for  
20 teacher preparation and inservice professional  
21 development for elementary teachers of mathe-  
22 matics and science;

23 (F) the State educational agency will take  
24 into account the needs for greater access to and  
25 participation in mathematics and science by

1 students and teachers from historically  
2 underrepresented groups, including females, mi-  
3 norities, individuals with limited-English pro-  
4 ficiency, the economically disadvantaged, and  
5 individuals with disabilities; and

6 (G) that the needs of teachers and stu-  
7 dents in areas with high concentrations of low-  
8 income students and sparsely populated areas  
9 will be considered in awarding grants under this  
10 Act;

11 (2) provide a description of how funds paid  
12 under this Act will be used with State and local  
13 funds and other Federal resources, particularly with  
14 respect to programs for the professional development  
15 and inservice training of elementary school teachers  
16 in science and mathematics; and

17 (3) describe procedures—

18 (A) for submitting applications for pro-  
19 grams described in sections 6 and 7 for dis-  
20 tribution of payments under this Act within the  
21 State; and

22 (B) for approval of applications by the  
23 State educational agency, including appropriate  
24 procedures to assure that such agency will not

1 disapprove an application without notice and  
2 opportunity for a hearing.

3 **SEC. 6. LOCAL GRANTS.**

4 (a) APPLICATION.—A local educational agency that  
5 desires to receive a grant under this part shall submit an  
6 application to the State educational agency. Each such ap-  
7 plication shall contain assurances that each school served  
8 by the local educational agency shall be eligible for only  
9 one grant under this Act.

10 (b) CONTENTS OF APPLICATION.—Each application  
11 described in subsection (a) shall—

12 (1) describe how the local educational agency  
13 plans to set priorities on the use and distribution  
14 among schools of grant funds received under this  
15 Act to meet the purpose of this Act;

16 (2) include assurances that the local edu-  
17 cational agency shall match on a dollar-for-dollar  
18 basis the funds received under this Act;

19 (3) describe, if applicable, how funds under this  
20 Act will be coordinated with State, local, and other  
21 Federal resources, especially with respect to pro-  
22 grams for the professional development and inservice  
23 training of elementary school teachers in science and  
24 mathematics; and

1           (4) describe the process which will be used to  
2           determine different levels of grant amounts to be  
3           awarded to schools with different needs.

4           (c) PRIORITY.—In awarding grants, the State edu-  
5           cational agency shall give priority to applications that—

6           (1) assign highest priority to schools which are  
7           most seriously under-equipped;

8           (2) are attentive to the needs of  
9           underrepresented groups in science and mathe-  
10          matics;

11          (3) demonstrate how science and mathematics  
12          equipment will be part of a comprehensive plan of  
13          curriculum planning or implementation and teacher  
14          training supporting hands-on laboratory activities;  
15          and

16          (4) include plans for dissemination of lessons  
17          and activities using grant equipment and materials  
18          to teachers in schools not receiving grants.

19 **SEC. 7. PROGRAM REQUIREMENTS.**

20          (a) COORDINATION.—Each State educational agency  
21          receiving a grant under this Act shall—

22          (1) disseminate information to school districts  
23          and schools, including private schools, regarding the  
24          grant program;

1           (2) evaluate applications of local educational  
2 agencies;

3           (3) award grants to local educational agencies  
4 based on the priorities described in section 6(c); and

5           (4) evaluate local educational agencies' end-of-  
6 year summaries and submit such evaluation to the  
7 Secretary.

8 (b) LIMITATIONS ON USE OF FUNDS.—

9           (1) IN GENERAL.—Grant funds and matching  
10 funds under this Act only shall be used to purchase  
11 science equipment, science materials, or mathemati-  
12 cal manipulative materials and shall not be used for  
13 computers, computer peripherals, software, text-  
14 books, or staff development costs.

15           (2) CAPITAL IMPROVEMENTS.—Grant funds  
16 under this Act may not be used for capital improve-  
17 ments. No more than 50 percent of matching funds  
18 provided by the local educational agency may be  
19 used for capital improvements of classroom science  
20 facilities to support the hands-on instruction that  
21 this Act is intended to support, such as the installa-  
22 tion of electrical outlets, plumbing, lab tables or  
23 counters, or ventilation mechanisms.

1 **SEC. 8. FEDERAL ADMINISTRATION.**

2       The Secretary shall provide technical assistance and,  
3 in consultation with State and local representatives of the  
4 program assisted under this Act, shall develop procedures  
5 for State and local evaluations of the programs that re-  
6 ceive funds under this Act.

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