

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

# S. 264

To establish a Classrooms for the Future program, and for other purposes.

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## IN THE SENATE OF THE UNITED STATES

JANUARY 28 (legislative day, JANUARY 5), 1993

Mr. BINGAMAN (for himself and Mr. COCHRAN) introduced the following bill;  
which was read twice and referred to the Committee on Labor and  
Human Resources

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## A BILL

To establish a Classrooms for the Future program, 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 “Technology for the  
5 Classroom Act of 1993”.

6 **SEC. 2. PURPOSE.**

7 It is the purpose of this Act to establish a program  
8 to develop and expand the use of high quality curriculum-  
9 based learning resources using state-of-the-art tech-  
10 nologies and techniques which are or can be designed to

1 increase the achievement levels of students in subject  
2 areas including mathematics, science, geography, history  
3 and language arts.

4 **SEC. 3. ACHIEVEMENT GRANTS.**

5 (a) COMPETITIVE GRANTS.—

6 (1) IN GENERAL.—The Secretary shall award  
7 grants, on a competitive basis, to eligible consortia  
8 to enable such eligible consortia to develop instruc-  
9 tional programs or technology-based systems for  
10 complete courses or units of study for a specific sub-  
11 ject and grade level, if such programs or systems are  
12 commercially unavailable in the local area served by  
13 such eligible consortia.

14 (2) ELIGIBLE CONSORTIUM.—For the purpose  
15 of this section the term “eligible consortium” means  
16 a consortium consisting of—

17 (A) State or local educational agencies in  
18 partnership with businesses; and

19 (B) institutions of higher education or  
20 other public or private nonprofit organizations.

21 (b) PRIORITY.—In awarding grants under this sec-  
22 tion, the Secretary shall give priority to applications de-  
23 scribing programs or systems that are developed—

24 (1) so that the program or system may be  
25 adapted and applied nationally; and

1           (2) to raise the achievement levels of students,  
2           particularly disadvantaged students who are not re-  
3           alizing their potential.

4           (c) DURATION AND AMOUNT.—Each grant made  
5           under this section shall be awarded for a period not to  
6           exceed 3 years and in an amount not to exceed  
7           \$3,000,000.

8           (d) MATCHING REQUIREMENT.—The Secretary may  
9           not make a grant to an eligible consortium under sub-  
10          section (a) unless the eligible consortium agrees that, with  
11          respect to the costs to be incurred by the eligible consor-  
12          tium in carrying out the program or system for which the  
13          grant was awarded, the eligible consortium will make  
14          available (from private sources) non-Federal contributions  
15          in an amount not less than 25 percent of the Federal  
16          funds provided under the grant.

17          (e) APPLICATION.—

18                (1) IN GENERAL.—Each consortium desiring a  
19                grant under this section shall submit an application  
20                to the Secretary at such time, in such manner, and  
21                accompanied by such information as the Secretary  
22                may prescribe.

23                (2) CONTENTS.—Each application submitted  
24                pursuant to paragraph (1) shall include—

1 (A) a description of how the program or  
2 system shall improve the achievement levels of  
3 students;

4 (B) a description of how teachers associ-  
5 ated with the program or system will be trained  
6 to integrate technology into the classroom; and

7 (C) an assurance that the program or sys-  
8 tem shall effectively serve a large number or  
9 percentage of economically disadvantaged stu-  
10 dents.

11 (f) CRITERIA FOR AWARDING GRANTS.—In awarding  
12 a grant under this section to develop a program or system,  
13 the Secretary shall consider the appropriateness and qual-  
14 ity of the following elements of the program or system:

15 (1) Identification of specific learning objectives  
16 and strategies of the proposed course or unit of  
17 study, that take into consideration the national edu-  
18 cation standards for various disciplines as such  
19 standards are developed.

20 (2) Incorporation in creative ways of a variety  
21 of technology-based learning resources such as com-  
22 puter software, databases, films, transparencies,  
23 video and audio discs, telecommunications (including  
24 educational radio and television), and print mate-  
25 rials.

1           (3) Design that allows tailoring of the program  
2 or system to meet individual needs of students, par-  
3 ticularly students at greatest risk of not reaching  
4 their educational potential.

5           (4) Flexibility of use by teachers or local  
6 schools.

7           (5) Methods for updating or revising informa-  
8 tion and material.

9           (6) Programs or materials to train and guide  
10 teachers.

11          (7) Coordination with teacher training pro-  
12 grams.

13          (8) Explanatory materials for students and par-  
14 ents.

15          (9) Field testing and evaluation in terms of  
16 stated learning objectives.

17          (10) Plans for pricing technology-based mate-  
18 rials that are affordable for public schools and agen-  
19 cies.

20          (11) Plans for distribution that ensure access  
21 for the poorest schools and school districts.

22          (12) Demonstration of cost-effectiveness in rela-  
23 tion to existing programs and to achieving stated  
24 learning objectives.

1 **SEC. 4. GRANTS TO STATES TO IMPROVE ACCESS TO TECH-**  
2 **NOLOGY.**

3 (a) GRANTS AUTHORIZED.—

4 (1) IN GENERAL.—The Secretary is authorized  
5 to award grants to States to enable States to carry  
6 out the activities described in the plan submitted  
7 pursuant to subsection (c).

8 (2) AMOUNT OF GRANT.—(A) Except as pro-  
9 vided in subparagraph (B), the Secretary shall  
10 award grants under this section to each State having  
11 a plan approved under subsection (c) in an amount  
12 which bears the same relationship to the amount re-  
13 served to carry out this section under section 9 as  
14 the amount such State received under chapter 1 of  
15 title I of the Elementary and Secondary Education  
16 Act of 1965 bears to the amount received under  
17 such chapter by all States.

18 (B) No State shall receive a grant pursuant to  
19 subparagraph (A) in an amount which is less than  
20 \$100,000.

21 (b) USE OF GRANT.—Grants awarded under this sec-  
22 tion shall be used to—

23 (1) identify schools or school districts which  
24 have a large number of educationally disadvantaged  
25 students and limited access to technology-based  
26 learning resources; and

1           (2) develop jointly, with local education agencies  
2 or individual schools, strategies to improve the ac-  
3 cessibility and use of technology-based learning re-  
4 sources, including specific plans for—

5                   (A) training of teachers and school person-  
6 nel;

7                   (B) acquisition of hardware or software, if  
8 such acquisition presents a major barrier for  
9 accessibility to participation in the activities as-  
10 sisted under this section; and

11                   (C) partnership arrangements with busi-  
12 nesses, institutions of higher education, or other  
13 public or private nonprofit organizations.

14 (c) PLAN.—

15           (1) IN GENERAL.—Each State desiring a grant  
16 under this section shall submit to the Secretary a  
17 plan at such time, in such manner and accompanied  
18 by such information as the Secretary may reason-  
19 ably require.

20           (2) CONTENTS.—Each plan submitted pursuant  
21 to paragraph (1) shall—

22                   (A) describe the activities and services for  
23 which assistance is sought;

1 (B) indicate how such State shall identify  
2 schools in need of the assistance provided under  
3 this section;

4 (C) include a strategy for providing such  
5 assistance; and

6 (D) contain assurances that such grant  
7 funds shall be focused on schools with a large  
8 percentage of educationally disadvantaged stu-  
9 dents.

10 **SEC. 5. FEDERAL INTERAGENCY COORDINATION.**

11 The Secretary shall coordinate and share information  
12 regarding curriculum-based educational technology pro-  
13 grams assisted under this Act with other Federal agencies  
14 which administer programs that support the development  
15 of such programs, including the National Science Founda-  
16 tion, the Department of Defense, the Office of Technology  
17 Assessment, the Department of Energy, and the Depart-  
18 ment of Agriculture.

19 **SEC. 6. CONSUMER REPORT.**

20 The Secretary shall collect information about prod-  
21 ucts developed pursuant to provisions of this Act and the  
22 evaluation of such products, and shall disseminate such  
23 information in regular reports to State and local edu-  
24 cational agencies, and other organizations or individuals  
25 as the Secretary determines to be appropriate.

1 **SEC. 7. ROYALTIES.**

2 Notwithstanding any other provision of law, any roy-  
3 alties paid to any State or local educational agency as a  
4 result of assistance provided under this Act shall be used  
5 by such agency for further development of curriculum-  
6 based learning resources authorized by this Act.

7 **SEC. 8. DEFINITIONS.**

8 As used in this Act—

9 (1) the terms “institution of higher education”  
10 and “local educational agency” have the same mean-  
11 ings given such terms by subsections (a) and (g), re-  
12 spectively, of section 1201 of the Higher Education  
13 Act of 1965 (20 U.S.C. 1141); and

14 (2) the term “Secretary”, unless otherwise  
15 specified, means the Secretary of Education.

16 **SEC. 9. AUTHORIZATION OF FUNDS.**

17 For the purpose of carrying out this Act, there are  
18 authorized to be appropriated \$90,000,000 for the fiscal  
19 year 1994 and such sums as may be necessary for each  
20 of the 4 succeeding fiscal years, of which—

21 (1) 50 percent of such funds shall be available  
22 in each such fiscal year to award grants pursuant to  
23 section 3; and

24 (2) 50 percent of such funds shall be available  
25 in each such fiscal year to award grants pursuant to  
26 section 4.

