

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

# H. R. 3403

To appoint a Director of Educational Technology in the Department of Education and provide grants to States to improve the incorporation of technology in education.

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## IN THE HOUSE OF REPRESENTATIVES

OCTOBER 28, 1993

Mr. GOODLING (for himself, Mr. GUNDERSON, and Mr. CASTLE) introduced the following bill; which was referred to the Committee on Education and Labor

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## A BILL

To appoint a Director of Educational Technology in the Department of Education and provide grants to States to improve the incorporation of technology in education.

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 Excel-  
5 lence in Education Act”.

6 **SEC. 2. DEFINITIONS.**

7 (a) IN GENERAL.—The terms used in this Act, unless  
8 otherwise specified, shall have the same meaning given to

1 such terms by section 1471 of the Elementary and Sec-  
2 ondary Education Act of 1965.

3 (b) ADDITIONAL DEFINITIONS.—For the purposes of  
4 this Act—

5 (1) the term “Director” means the Director of  
6 Educational Technology as established in title I of  
7 this Act; and

8 (2) the term “educational technology” includes  
9 closed circuit television systems, public telecommuni-  
10 cations entities, cable television, satellite, copper and  
11 fiber optic transmission, computer hardware and  
12 software, video and audio laser, and CD ROM disc,  
13 video and audio tapes, and other technologies related  
14 to educational services.

15 **TITLE I—NATIONAL LEADER-**  
16 **SHIP FOR EDUCATIONAL**  
17 **TECHNOLOGY**

18 **SEC. 101. PURPOSES.**

19 The purposes of this title are—

20 (1) to establish a national agenda for the use  
21 of technology in education to assist all students in  
22 attaining world-class academic standards as a means  
23 to increasing academic achievement and learning  
24 and reaching the National Education Goals;

1           (2) to assure that all children in the United  
2 States start school ready to learn;

3           (3) to increase the high school graduation rate  
4 to at least 90 percent;

5           (4) to provide all students the opportunity to  
6 demonstrate competency in challenging subject mat-  
7 ter in core areas and ensure that all students learn  
8 to use their minds well;

9           (5) to increase the mathematics and science  
10 achievement of all students;

11           (6) to provide the opportunity for all adult  
12 Americans to achieve literacy;

13           (7) to ensure that every school in the United  
14 States is free of drugs and violence and will offer a  
15 disciplined environment conducive to learning;

16           (8) to coordinate Federal programs—whose  
17 support already accounts for 50 percent of all funds  
18 used by schools to purchase software, integrated  
19 learning systems, and hardware—that provide for  
20 the development, purchase, or use of technology in  
21 education, including programs administered by the  
22 Department of Education and those administered by  
23 other Federal Departments;

24           (9) to develop national standards and guidelines  
25 for State and local educational agencies to guide fu-

1       ture projects and coordinate existing projects to en-  
2       sure the compatibility of education-related computer  
3       and telecommunications networks on a national  
4       level; and

5               (10) to permit funds distributed to the States  
6       and localities under existing Federal programs to be  
7       used for education-related technology purposes.

8       **SEC. 102. DIRECTOR OF EDUCATIONAL TECHNOLOGY.**

9       The Secretary shall appoint a Director of Edu-  
10      cational Technology within the Department of Education.  
11      The Director shall be compensated at an annual rate of  
12      not less than a level GS-15 employee under section 5332  
13      of title 5, United States Code.

14      **SEC. 103. DUTIES OF DIRECTOR.**

15      (a) DUTIES.—The duties of the Director of Edu-  
16      cational Technology are—

17               (1) to provide national leadership regarding the  
18      use of technology in education at all levels in achiev-  
19      ing the National Education Goals, including—

20                       (A) submission of an annual report to Con-  
21      gress regarding education-related technology  
22      use and recommendations for the continuation  
23      of current and the development of future uses  
24      of technology to achieve the National Education  
25      Goals;

1 (B) promotion of the use of technology to  
2 achieve the National Education Goals in pro-  
3 grams that receive Federal assistance, particu-  
4 larly programs under chapters 1 and 2 of title  
5 I and title II of the Elementary and Secondary  
6 Education Act of 1965;

7 (C) the development of support programs  
8 designed to increase the access of all children,  
9 particularly disadvantaged children from rural  
10 and urban poverty areas, to high-level learning  
11 through the use of quality technologies; and

12 (D) the support of research, development,  
13 evaluation, and dissemination of educational  
14 technologies;

15 (2) to provide a mechanism for coordinating ex-  
16 isting Federal programs across agencies to encour-  
17 age joint funding, planning, and implementation of  
18 projects;

19 (3) to provide a mechanism for the development  
20 of standards and guidelines for State and local edu-  
21 cational agencies in conjunction with industry to en-  
22 sure the compatibility of educational computer and  
23 telecommunications networks on a national level;  
24 and

1 (4) to provide support and training programs to  
2 educators in the use of technology to help obtain the  
3 National Education Goals.

4 **TITLE II—STATE PLANNING**  
5 **GRANTS**

6 **SEC. 201. PURPOSES.**

7 The purposes of this title are—

8 (1) to ensure that State educational agencies  
9 have a clear, long-term strategic plan for incorporat-  
10 ing the use of technology in education; and

11 (2) to allow States which have developed a  
12 State technology plan to allocate planning funds to  
13 local educational agencies to implement strategies  
14 developed in such plan.

15 **SEC. 202. STATE PLANNING GRANTS.**

16 The Secretary of Education is authorized to provide  
17 a one-time competitive grant to State educational agencies  
18 50 percent of which shall be allocated in accordance with  
19 the relative amount the State received under chapter 1  
20 of title 1 of the Elementary and Secondary Education Act  
21 of 1965 for the preceding fiscal year and 50 percent of  
22 which shall be allocated in accordance with the relative  
23 amount the State received under part A of chapter 2 of  
24 title I of the Elementary and Secondary Education Act  
25 of 1965 for the preceding fiscal year.

1 **SEC. 203. AUTHORIZED ACTIVITIES.**

2 (a) STATE PLANS.—A State educational agency  
3 which receives a grant under this title shall not later than  
4 1 year after receipt of funds under this title undertake  
5 public hearings and complete a comprehensive State plan  
6 which includes—

7 (1) overall strategic goals for the use of tech-  
8 nology in education at all levels within the State;

9 (2) a 5-year standards and assessment process  
10 to measure progress toward the goals in paragraph  
11 (1);

12 (3) a follow-up 10-year standards and assess-  
13 ment process to measure progress toward the goals  
14 in paragraph (1);

15 (4) guidelines for local educational agencies for  
16 the incorporation of educational technology into in-  
17 stitutions of education at all levels;

18 (5) a plan for the dissemination and sharing of  
19 information to local educational agencies about inno-  
20 vative and cost-effective uses of educational tech-  
21 nology;

22 (6) a plan for training educational personnel in  
23 the use of technology in the classroom;

24 (7) a coordination plan providing mechanisms  
25 for the use of educational technology to assist exist-

1 ing and future education reform efforts at both the  
2 State and local levels; and

3 (8) a plan to leverage public and private sup-  
4 port for the funding and provision of educational  
5 technology in a cost-effective manner to institutions  
6 of education at all levels.

7 (b) DEMONSTRATION SUBGRANTS.—States that have  
8 completed the State technology plan under subsection (a)  
9 may allocate funds received under this section as competi-  
10 tive subgrants to local educational agencies to implement  
11 strategies in such plan following the procedures in title  
12 III of this Act.

13 **SEC. 204. AUTHORIZATION OF APPROPRIATIONS.**

14 There are authorized to be appropriated \$10,000,000  
15 for fiscal year 1994 and such sums for fiscal years 1995–  
16 1999 to carry out the purposes of this title.

17 **TITLE III—LOCAL CHALLENGE**  
18 **GRANTS**

19 **SEC. 301. PURPOSE.**

20 The purposes of this title are—

21 (1) to challenge local communities to incor-  
22 porate quality, innovative educational technology in  
23 their education systems at all levels; and

24 (2) to provide practical models of educational  
25 technology as provided for in the goals and guide-

1 lines under the State plans required in title II of  
2 this Act.

3 **SEC. 302. GRANTS TO LOCAL EDUCATIONAL AGENCIES.**

4 (a) IN GENERAL.—(1) The Secretary is authorized  
5 to provide grants to State educational agencies for the use  
6 by local educational agencies of 3-year competitive dem-  
7 onstration grants to implement State technology plans.

8 (2) Such grants may be awarded only to States which  
9 have completed the State technology plan required by title  
10 II of this Act. The Secretary may waive this requirement  
11 if a State has a plan in place which meets the criteria  
12 established in title II of this Act.

13 (3) The State shall give priority consideration to  
14 demonstration programs that provide access to quality  
15 educational technology to disadvantaged urban and rural  
16 areas.

17 (4) The State shall give priority consideration to  
18 demonstration programs that may be replicated in other  
19 areas throughout the Nation.

20 (b) DISSEMINATION OF MODEL PROGRAMS.—The  
21 Secretary shall reserve not more than 5 percent of the  
22 funds authorized under this title to allow the Director of  
23 Educational Technology to disseminate effective models of  
24 the use of high-quality educational technology on a na-  
25 tional basis.

1 (c) MATCHING REQUIREMENT.—(1) The Federal  
2 share under this title may not exceed—

3 (A) 100 percent of the total cost of a program  
4 for the first year for which a State receives funds  
5 under this title;

6 (B) 85 percent of the total cost of a program  
7 for the second year for which a State receives funds  
8 under this title;

9 (C) 60 percent of the total cost of a program  
10 for the third year for which a State receives funds  
11 under this title;

12 (D) 45 percent of the total cost of a program  
13 for the fourth year for which a State receives funds  
14 under this title; and

15 (E) 33 percent of the total cost of a program  
16 for the fifth and any succeeding year for which a  
17 State receives funds under this title.

18 (2) The remaining cost may be provided in cash or  
19 in kind, fairly evaluated, and may be obtained from any  
20 source other than funds made available for programs  
21 under this title.

22 **SEC. 303. AUTHORIZATION OF APPROPRIATIONS.**

23 There are authorized to be appropriated \$25,000,000  
24 for fiscal year 1994 and such sums as may be necessary

1 to carry out the projects under this title for each of the  
2 fiscal years 1995 through 1999.

3       **TITLE IV—MISCELLANEOUS**  
4                   **PROGRAMS**

5 **SEC. 401. PURPOSE.**

6       The purpose of this title is to make the acquisition,  
7 use, and training of educational technology a permissible  
8 activity for existing Federal education programs.

9 **SEC. 402. ELEMENTARY AND SECONDARY EDUCATION.**

10       The Elementary and Secondary Education Act of  
11 1965 is amended—

12               (1) in section 1011(a)(2)—

13                   (A) by inserting “, including computers,  
14 distance learning equipment, software, and  
15 other applications of educational technology re-  
16 lated to the instructional program” after “in-  
17 structional materials”; and

18                   (B) by inserting “, including training in  
19 the use of educational technologies related to  
20 the instructional program” before “and, as ap-  
21 propriate”.

22               (2) in section 1054(b), by inserting “, including  
23 the use of educational technology” after “instruc-  
24 tional programs”;

1           (3) in section 1202(a)(1), by inserting “which  
2 includes educational technology,” after “equipment”;

3           (4) in section 1242(a), by inserting “which in-  
4 cludes educational technology,” after “equipment”;

5           (5) in section 1531(b)—

6                 (A) in paragraph (2), by striking “com-  
7 puter software and hardware for instructional  
8 use” and inserting “educational technology re-  
9 lated to the improvement of instruction and  
10 learning,”

11                (B) in paragraph (4), by inserting “, in-  
12 cluding training in the use of educational tech-  
13 nology” after “training”;

14           (6) in section 2006(b) by striking subparagraph  
15 (C) and inserting the following:

16                “(C) the purchase of, and training in the use  
17 of, educational technology related to the instruction  
18 of mathematics and science;”; and

19           (7) in section 2015(e)—

20                 (A) in the heading, by striking “COMPUT-  
21 ERS”; and

22                 (B) in paragraphs (1), (2), and (3), by  
23 striking “computers” each place it appears and  
24 inserting “educational technology”.

1 **SEC. 403. INDIAN EDUCATION.**

2 The Indian Education Act of 1988 is amended in sec-  
3 tion 5321(c)(1)(A)(iii) by inserting “, including edu-  
4 cational technology” after “equipment”.

5 **SEC. 404. AMENDMENTS RELATING TO HEAD START PRO-**  
6 **GRAMS.**

7 (a) AMENDMENTS TO THE HEAD START ACT.—The  
8 Head Start Act (42 U.S.C. 9831–9852) is amended—

9 (1) in section 637 by adding at the end the fol-  
10 lowing:

11 “(12) The term ‘educational technology’ has the  
12 meaning given such term in section 2(b) of the Ex-  
13 cellence in Education Act.”,

14 (2) in section 640(a)(2)(C) by inserting “(in-  
15 cluding training in the use of educational technology  
16 related to educational services)” after “training”,

17 (3) in section 641(d)(2) by inserting “(includ-  
18 ing educational services that use educational tech-  
19 nology)” after “services”, and

20 (4) in section 648(d) by inserting “and edu-  
21 cational technology” after “electronic media”.

22 (b) AMENDMENT TO THE HEAD START TRANSITION  
23 PROJECT ACT.—Section 136(a)(3) of the Head Start  
24 Transition Project Act (42 U.S.C. 9855d(a)(3)) is amend-  
25 ed by inserting “and the use of educational technology re-

1 lated to educational services” before the semicolon at the  
2 end.

3 **SEC. 405. VOCATIONAL EDUCATION.**

4 Section 235(c)(2) of the Carl D. Perkins Vocational  
5 and Applied Technology Act is amended—

6 (1) in subparagraph (B), by inserting “and  
7 educational technology training” after “instructional  
8 aids”; and

9 (2) in subparagraph (C), by inserting “, includ-  
10 ing educational technology training”, after “inservice  
11 training”.

12 **SEC. 406. INDIVIDUALS WITH DISABILITIES EDUCATION**  
13 **ACT.**

14 (a) STATE PLANS.—Section 613(a)(3)(B)(iii) of the  
15 Individuals with Disabilities Education Act (20 U.S.C.  
16 1413(a)(3)(B)(iii)) is amended by striking “technology.”  
17 and inserting the following: “technology, including train-  
18 ing in the use of educational technology related to the in-  
19 structional program;”.

20 (b) GRANTS FOR PERSONNEL TRAINING.—Section  
21 631(c) of the Individuals with Disabilities Education Act  
22 (20 U.S.C. 1431(c)) is amended by striking “assistive and  
23 instructional technology” and inserting the following:  
24 “assistive, instructional and other educational tech-  
25 nology,”.

1           (c) FINANCIAL ASSISTANCE.—Section 661(a) of the  
2 Individuals with Disabilities Education Act (20 U.S.C.  
3 1461(a)) is amended in each of paragraphs (1), (2), (3),  
4 and (4) by striking “assistive technology,” each place such  
5 term appears and inserting “assistive technology, edu-  
6 cational technology,”.

○