

106TH CONGRESS
2D SESSION

H. R. 4081

To establish a program that improves achievement through the integration
of technology into curriculum.

IN THE HOUSE OF REPRESENTATIVES

MARCH 23, 2000

Mr. KIND (for himself, Mr. DOOLEY of California, Mr. SMITH of Washington, Mr. WU, Mr. ROEMER, Mrs. MCCARTHY of New York, Ms. SANCHEZ, Mr. HOLT, Mr. FORD, Mr. BLUMENAUER, Mr. ETHERIDGE, Mr. DAVIS of Florida, Mr. MORAN of Virginia, Mr. STENHOLM, Mrs. NAPOLITANO, Mr. LARSON, Mr. SANDLIN, Mrs. TAUSCHER, and Mr. GONZALEZ) introduced the following bill; which was referred to the Committee on Education and the Workforce

A BILL

To establish a program that improves achievement through
the integration of technology into curriculum.

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 Education Technology
5 Enhances Classrooms (EdTEC) Act.

1 **SEC. 2. TECHNOLOGY LITERACY CHALLENGE FUND.**

2 Subpart 2 of part A of title III of the Elementary
3 and Secondary Education Act of 1965 (20 U.S.C. 6801
4 et seq.) is amended to read as follows:

5 **“Subpart 2—Technology Literacy Challenge Fund**

6 **“SEC. 3130. PURPOSE.**

7 “It is the purpose of this subpart to increase the ca-
8 pacity of State and local educational agencies to improve
9 student achievement, particularly that of students in high-
10 poverty, low-performing schools, and the ability of teach-
11 ers to integrate technology into the curriculum, by sup-
12 porting State and local efforts that—

13 “(1) make effective use of new technologies and
14 technology applications, networks, and electronic
15 learning resources;

16 “(2) utilize research-based teaching practices
17 that are linked to advanced technologies;

18 “(3) promote sustained and intensive, high-
19 quality professional development that enables teach-
20 ers to help students achieve to challenging State
21 content standards and assessments in core academic
22 subjects through the integration of educational tech-
23 nology into instruction;

24 “(4) disseminate information to school districts
25 and schools about technology and applications, in-

1 including software, that is aligned to challenging State
2 content standards in core academic subjects; and

3 “(5) develop standards and performance indica-
4 tors for students and teachers on the effective use
5 and integration of education technology into the core
6 academic curriculum, and methods for measuring
7 program outcomes against the indicators.

8 **“SEC. 3131. ALLOTMENT AND REALLOTMENT.**

9 “(a) ALLOTMENT.—

10 “(1) IN GENERAL.—Except as provided in para-
11 graph (2), each State educational agency shall be el-
12 igible to receive a grant under this subpart for a fis-
13 cal year in an amount which bears the same rela-
14 tionship to the amount made available under section
15 3114(a)(1)(C) for such year as the amount such
16 State received under part A of title I for such year
17 bears to the amount received for such year under
18 such part by all States.

19 “(2) MINIMUM.—No State educational agency
20 (including, for purposes of this subpart, the Bureau
21 of Indian Affairs) shall be eligible to receive a grant
22 under paragraph (1) in any fiscal year in an amount
23 which is less than one-half of one percent of the
24 amount made available under section 3115(a)(1)(C)
25 for such year, except that such minimum shall apply

1 to the aggregate of grants received under this sub-
2 part by the outlying areas for a fiscal year.

3 “(b) REALLOTMENT OF UNUSED FUNDS.—

4 “(1) IN GENERAL.—The amount of any State
5 educational agency’s allotment under subsection (a)
6 for any fiscal year which the Secretary determines
7 will not be required for such fiscal year to carry out
8 this subpart shall be available for reallocation from
9 time to time, on such dates during such year as the
10 Secretary may determine, to other State educational
11 agencies in proportion to the original allotments to
12 such State educational agencies under subsection (a)
13 for such year, but with such proportionate amount
14 for any of such other State educational agencies
15 being reduced to the extent such amount exceeds the
16 sum the Secretary estimates such State needs and
17 will be able to use for such year.

18 “(2) OTHER REALLOTMENTS.—The total of re-
19 ductions under paragraph (1) shall be similarly real-
20 lotted among the State educational agencies whose
21 proportionate amounts were not so reduced. Any
22 amounts reallocated to a State educational agency
23 under this subsection during a year shall be deemed
24 a subpart of such agencies allotment under sub-
25 section (a) for such year.

1 **“SEC. 3132. TECHNOLOGY LITERACY CHALLENGE FUND.**

2 “(a) GRANTS TO STATES.—

3 “(1) IN GENERAL.—From amounts made avail-
4 able under section 3131, the Secretary, through the
5 Office of Educational Technology, shall award
6 grants to State educational agencies having applica-
7 tions approved under section 3133.

8 “(2) USE OF GRANTS.—(A) Each State edu-
9 cational agency that receives a grant under para-
10 graph (1) shall use—

11 “(i) not less than 95 percent of the grant
12 funds received to award, on a competitive basis,
13 subgrants to eligible local applicants, as defined
14 in section 3136(1), to prepare all students, in-
15 cluding students with disabilities or limited
16 English proficiency, to achieve to challenging
17 State academic content and performance stand-
18 ards through the use of research-based teaching
19 practices and advanced technologies; and

20 “(ii) subject to subparagraph (D), the re-
21 mainder of the grant funds for administrative
22 costs and technical assistance, and the develop-
23 ment and update of State education technology
24 standards.

25 “(B) a State educational agency may use all or
26 part of the funds described in subparagraph (A)(ii)

1 to develop or update State educational technology
2 standards.

3 “(C) In awarding subgrants under subpara-
4 graph (A)(i), a State educational agency shall give
5 priority to an eligible local applicant that is a part-
6 nership that meets the requirements of section
7 3136(1).

8 “(D) From the funds described in subpara-
9 graph (A)(i), a State educational agency may use
10 not more than 2 percent of the grant funds it re-
11 ceives under this subpart to provide planning sub-
12 grants to eligible local applicants in order to assist
13 them in developing strategic long-term local tech-
14 nology plans that shall be included in the application
15 for a subgrant under section 3134(a)(1).

16 “(b) TECHNICAL ASSISTANCE.—Each State edu-
17 cational agency receiving a grant under subsection (a)(1)
18 shall—

19 “(1) identify the local educational agencies
20 served by the State educational agency that—

21 “(A) have the highest number or percent-
22 age of children in poverty; and

23 “(B) demonstrate to such State edu-
24 cational agency the greatest need for technical

1 assistance in developing the application under
2 section 3133; and

3 “(2) provide eligible local applicants with assist-
4 ance in—

5 “(A) developing applications under section
6 3134;

7 “(B) forming partnerships among the enti-
8 ties described in section 3136(1)(B);

9 “(C) meeting the standards and perform-
10 ance indicators as referred to in section
11 3130(5)).

12 **“SEC. 3133. STATE APPLICATION.**

13 “To receive funds under this subpart, a State edu-
14 cational agency shall submit an application to the Sec-
15 retary at such time, in such manner, and accompanied by
16 such information as the Secretary may reasonably require.
17 As part of its application, a State educational agency shall
18 submit a new or updated statewide educational instruc-
19 tional technology plan. The plan submitted shall dem-
20 onstrate how such technology plan will be coordinated with
21 and support the State plan or policies for comprehensive
22 standards-based education reform, and shall describe—

23 “(1) the State educational agency’s long-term
24 strategies for financing educational technology in the
25 State, including how the State educational agency

1 will use other sources of Federal and non-Federal
2 funds for this purpose;

3 “(2) the State educational agency’s criteria for
4 identifying a local educational agency as high-pov-
5 erty, serving at least one low-performing school, and
6 having a substantial need for technology, and how
7 the State educational agency will report to the public
8 the criteria to be used and the outcome of the com-
9 petition;

10 “(3) the State educational agency’s specific
11 goals for using advanced technologies to improve
12 student achievement to challenging State academic
13 content and performance standards by—

14 “(A) using web-based resources and tele-
15 communications networks to provide challenging
16 content and improve classroom instruction;

17 “(B) using research-based teaching prac-
18 tices and models of effective uses of advanced
19 technology to promote basic skills in core aca-
20 demic areas and higher-order thinking skills in
21 all students; and

22 “(C) promoting sustained and intensive,
23 high-quality professional development that in-
24 creases teacher capacity to enable students to
25 learn to challenging State content and perform-

1 ance standards and develop higher-order think-
2 ing skills through the integration of technology
3 into instruction;

4 “(4) the State educational agency’s strategy for
5 disseminating information about software and other
6 technology applications that are aligned to the
7 States’ content standards;

8 “(5) the State educational agency’s perform-
9 ance indicators for each of the goals described in
10 paragraph (3) and included in its plan, baseline per-
11 formance data for the indicators, a timeline for
12 achieving the goals, and interim measures of success
13 toward achieving the goals;

14 “(6) how the State educational agency will en-
15 sure that grants to eligible local applicants are of
16 sufficient size, scope, and quality to meet the pur-
17 poses of this subpart effectively;

18 “(7) how the State educational agency will pro-
19 vide technical assistance to eligible local applicants,
20 and its capacity for providing such assistance;

21 “(8) how the State educational agency will en-
22 sure that educational technology is accessible to, and
23 usable by, all students, including students with spe-
24 cial needs, such as students who have disabilities or
25 limited English proficiency;

1 “(9) how the State will achieve, to the extent
2 practicable, an equitable geographic distribution of
3 grant funds to eligible local educational agencies;
4 and

5 “(10) how the State educational agency will
6 evaluate its activities under the plan as such activi-
7 ties relate to the specific goals of the State outlined
8 in paragraph (3), including its impact on student
9 achievement for all students, and the ability of
10 teachers to integrate technology into the core aca-
11 demic curriculum.

12 **“SEC. 3134. LOCAL APPLICATIONS.**

13 “(a) IN GENERAL.—Each eligible local applicant de-
14 siring assistance from a State educational agency under
15 section 3132(a)(2) shall submit an application, consistent
16 with the objectives of the systemic statewide plan, to the
17 State educational agency at such time, in such manner
18 and accompanied by such information as the State edu-
19 cational agency may reasonably require. Such application,
20 at a minimum, shall—

21 “(1) include a strategic, long-range (three- to
22 five-year), plan that includes—

23 “(A) a description of how the applicant
24 plans to improve the achievement of all stu-
25 dents by—

1 “(i) making effective use of new tech-
2 nologies, networks, and electronic learning
3 resources;

4 “(ii) using research-based teaching
5 practices and models of effective uses of
6 advanced technology to promote basic skills
7 in core academic areas and higher-order
8 thinking skills in all students; and

9 “(iii) promoting sustained and inten-
10 sive, high-quality professional development
11 that increases teacher capacity to enable
12 students to learn to challenging State con-
13 tent and performance standards and de-
14 velop higher-order thinking skills through
15 the integration of technology into instruc-
16 tion;

17 “(B) a description of how the local goals
18 are aligned with the State goals;

19 “(C) a description of the applicant’s goals
20 regarding the use of educational technology to
21 meet the purposes of this subpart, as well as
22 the applicant’s baseline data, timelines, bench-
23 marks, and indicators of success for meeting
24 these goals;

1 “(D) a description of how the applicant
2 will ensure sustained and intensive, high-quality
3 professional development for teachers, adminis-
4 trators, and other educational personnel to fur-
5 ther the effective use of technology in the class-
6 room;

7 “(E) a description of the administrative
8 and technical support that the applicant will
9 provide schools;

10 “(F) the projected timetable for imple-
11 menting such plan in schools;

12 “(G) the projected cost of technologies to
13 be acquired and related expenses needed to im-
14 plement such plan; and

15 “(H) a description of the applicant’s strat-
16 egy for financing its strategic, long-term local
17 technology plan, including the use of other Fed-
18 eral and non-Federal funds;

19 “(I) a description of how the applicant will
20 use advanced technology to promote commu-
21 nication between teachers for activities such
22 as—

23 “(i) sharing examples of student
24 work;

1 “(ii) developing instructional strate-
2 gies that promote basic skills in core aca-
3 demic areas and higher-order thinking
4 skills in all students;

5 “(iii) developing challenging curricula
6 aligned with State or local standards;

7 “(iv) using data to improve teaching
8 and learning; and

9 “(J) a description of how the applicant will
10 use technology to improve the teaching and
11 learning of students with special needs, such as
12 students with disabilities or limited English
13 proficiency.

14 “(2) describe how the applicant included par-
15 ents, public libraries, business leaders, and commu-
16 nity leaders in the development of the strategic long-
17 term local technology plan described in paragraph
18 (1);

19 “(3) describe how the acquired instructionally
20 based technology will help the local educational
21 agency—

22 “(A) promote equity in education in order
23 to support State content standards and State
24 student performance standards that may be de-
25 veloped; and

1 “(B) provide access for teachers, parents,
2 and students to the best teaching practices and
3 curriculum resources through technology;”;

4 “(4) describe a process for the ongoing evalua-
5 tion of how technologies acquired under this
6 section—

7 “(A) affect student achievement and
8 progress toward meeting challenging State con-
9 tent standards and State student performance
10 standards; and

11 “(B) are integrated by teachers into the
12 school’s curriculum;

13 “(5) describe how the applicant will use
14 subgrant funds to benefit low-performing schools in
15 integrating technology into the curriculum;

16 “(6) describe how the applicant will ensure that
17 technology is accessible to, and usable by, all stu-
18 dents, particularly students with disabilities or lim-
19 ited English proficiency;

20 “(7) describe how the applicant will ensure that
21 schools receive information about software and cur-
22 ricula that is aligned to the State content standards;

23 “(8) include an assurance that, before any
24 funds received under this subpart are used for ac-
25 quiring wiring or access to advanced telecommuni-

1 cations, the applicant will use all resources available
2 to it; and

3 “(9) if the applicant is a partnership, describe
4 the members of the partnership, their respective
5 roles, and their respective contributions to improving
6 the capacity of the local educational agency.

7 “(b) COORDINATION OF APPLICATION REQUIRE-
8 MENTS.—If an eligible local applicant submitting an appli-
9 cation for assistance under this section has developed a
10 comprehensive education improvement plan, in conjunc-
11 tion with requirements under this Act, the State edu-
12 cational agency may approve such plan, or a component
13 of such plan, if the State educational agency determines
14 that such approval will further the purposes of this sub-
15 part.

16 **“SEC. 3135. LOCAL USES OF FUNDS.**

17 “Each eligible local applicant shall use the funds
18 made available under section 3132(a)(2)(A)(i) for 1 or
19 more of the following activities:

20 “(1) Acquiring, adapting, or expanding existing
21 and new applications of technology to enable teach-
22 ers to help students to achieve to challenging State
23 content and performance standards through the use
24 of research-based teaching practices and advanced
25 technologies.

1 “(2) Providing sustained and intensive, high-
2 quality professional development in the integration
3 of advanced technologies into the curriculum, includ-
4 ing training in the use of technology to access data
5 and resources to develop curricula and instructional
6 materials that are aligned to the challenging State
7 academic content standards in core academic sub-
8 jects.

9 “(3) Enabling teachers to use the Internet to
10 communicate with other teachers, parents, and stu-
11 dents, and retrieve web-based learning resources.

12 “(4) Using technology to enable teachers and
13 administrators to collect, manage, and analyze data
14 to identify strengths and weaknesses in academic
15 programs to enhance school improvement efforts.

16 “(5) Acquiring wireless telecommunications,
17 hand-held devices, modeling or simulation tools, dis-
18 tance learning networks, and other advanced tech-
19 nologies with classroom applications.

20 “(6) Acquiring effective technology-based cur-
21 ricula programs that will help students to achieve to
22 challenging State academic content and student per-
23 formance standards, including programs that enable
24 parental access to advanced telecommunications, and
25 support communications between parents and school.

1 “(7) Acquiring wiring and access to advanced
2 telecommunications.

3 “(8) Using web-based learning resources, in-
4 cluding those that provide access to rigorous courses
5 such as advanced placement courses.

6 “(9) Assisting schools to use technology to pro-
7 mote parent and family involvement, and support
8 communications between family and school.

9 **“SEC. 3136. DEFINITIONS.**

10 “For purposes of this subpart—

11 “(1) the term ‘eligible local applicant’ means—

12 “(A) a local educational agency that, as
13 determined by the State educational agency,—

14 “(i) is among the local educational
15 agencies in the State with the highest
16 numbers or percentages of children from
17 households living in poverty;

18 “(ii) includes one or more low-per-
19 forming schools; and

20 “(iii) has a substantial need for as-
21 sistance in acquiring and using technology;

22 or

23 “(B) a partnership that includes not less
24 than one local educational agency that meets

1 the requirements of subparagraph (A) and not
2 less than one—

3 “(i) local educational agency that can
4 demonstrate that teachers in schools
5 served by that agency are using technology
6 effectively in their classrooms;

7 “(ii) institution of higher education in
8 full compliance with sections 207 and 208
9 of the 1998 Higher Education Act Amend-
10 ments;

11 “(iii) for-profit organization that de-
12 velops, designs, manufactures, or produces
13 technology products or services, or has
14 substantial expertise in the application of
15 technology; or

16 “(iv) public or private non-profit orga-
17 nization with demonstrated experience in
18 the application of educational technology;
19 and

20 “(2) the term ‘low-performing school’ means a
21 school—

22 “(A) identified by the local educational
23 agency for school improvement under section
24 1116(c) of this Act; or

1 “(B) in which a substantial majority of
2 students fail to meet State performance stand-
3 ards based on State or local assessments that
4 are aligned to the performance standards.

5 **“SEC. 3137. EVALUATION AND REPORT.**

6 “(a) EVALUATION.—Each State shall evaluate on an
7 annual basis the progress and success of its grant recipi-
8 ents in carrying out the statewide educational instruc-
9 tional technology plan. The State shall provide a copy of
10 its evaluation to the Secretary, beginning on October 1,
11 2002, and each succeeding October 1 thereafter.

12 “(b) REPORT.—Not later than 180 days after the
13 evaluation described in subsection (a) is completed, the
14 Secretary shall submit a report to both the Committee on
15 Education and the Workforce of the House of Representa-
16 tives and the Committee on Health, Education, Labor,
17 and Pensions of the Senate regarding the success of each
18 State in achieving the goals outlined in its State plan.

19 **“SEC. 3138. AUTHORIZATION OF APPROPRIATIONS.**

20 “For purposes of carrying out this subpart, there are
21 authorized to be appropriated \$500,000,000 for fiscal year
22 2001 and such sums as may be necessary for each of the
23 four succeeding fiscal years.”.

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