

MAR 14 1991

Place On Calendar

Sub. for S.F. 379 4/9/91

HOUSE FILE 485

BY COMMITTEE ON EDUCATION

(SUCCESSOR TO HSB 155)

Passed House, Date 3/20/91 (p. 750) Passed Senate, Date 4/17/91 (p. 1329)

Vote: Ayes 97 Nays 0 Vote: Ayes 50 Nays 0

Approved April 29, 1991 (p. 1905)

A BILL FOR

1 An Act to establish a math and science grant program under the
2 administration of the department of education, creating a math
3 and science account, and providing for licensing changes by
4 the board of educational examiners.

5 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

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HF 485

1 Section 1. NEW SECTION. 256.45A MATH AND SCIENCE GRANT
2 PROGRAM.

3 1. The department shall establish a math and science
4 education grant program to provide for the allocation of grant
5 moneys to public school corporations and to contract for the
6 development of statewide program models and recommendations in
7 keeping with the goals stated in this section. A public
8 school corporation desiring to receive grant moneys under the
9 program may submit plans and a proposed budget to the
10 department for approval. The department shall review each
11 plan and its proposed budget and award grants, which may be
12 matching funds grants, for approved plans by July 1 of the
13 calendar year in which the approved plans were submitted.
14 Provision of matching funds from institutional private sources
15 shall be considered by the department in reviewing plans and
16 proposed budgets and awarding grant moneys.

17 However, for the first school year for which program funds
18 are appropriated, a board of directors of a public school
19 corporation may submit a proposed plan and budget not later
20 than January 1 of that school year and the department shall
21 notify public school corporations by February 15 of that same
22 school year that their plans have been approved or disapproved
23 by the department.

24 In addition to awarding grants, and if the activity does
25 not violate federal matching funds requirements for an Iowa
26 math and science grant program, the department may expend
27 funds to contract with a public or private nonprofit education
28 organization, association, or laboratory for the development
29 of models or recommendations with statewide applications to
30 further the goals of this section.

31 2. The department shall make recommendations for, and the
32 state board shall adopt, rules relating to program goals and
33 program administration. The goals of the math and science
34 education program may include, but are not limited to, the
35 development of a model multidisciplinary science curricula

1 that will serve as the framework for the development of
2 individual teaching modules; the design and implementation of
3 a statewide model for staff development in science and math
4 education; the development of specific recommendations and
5 rationale for changes in school standards that will facilitate
6 improvements in math and science education and provide
7 outcomes that serve as a standard of successful learning;
8 provision of a sequence of competencies and instructional
9 strategies for inclusion in teacher preparation programs for
10 those entering math and science programs in Iowa teacher
11 preparation institutions; development and implementation of a
12 new statewide assessment program that is consistent with the
13 materials and approaches envisioned; and the development and
14 implementation strategies for recruitment and retention of
15 females and minorities in math and science education.

16 The board of educational examiners may develop
17 recommendations for specific changes in the licensing
18 requirements for math and science teachers.

19 Program administration rules shall include, but are not
20 limited to, development of standard formats and procedures for
21 the submission and assessment of grant applications.

22 3. There is established in the state treasury a math and
23 science education account that is under the control of and
24 administered by the department of education. The department
25 may accept gifts, grants, bequests, and other private
26 contributions, as well as state or federal funds, and shall
27 deposit the moneys in the account to be used for distribution
28 as grant award moneys under the math and science education
29 program. Moneys in the account are appropriated and may be
30 used for the purposes of this section. The department shall
31 not commingle federal, state, and private funds within the
32 account. Not more than six percent of any state funds
33 appropriated for the program may be used for administrative
34 purposes. State funds appropriated and any interest earned on
35 the state funds but not expended for the first two years of

1 the program shall not revert to the general fund under section
2 8.33, but shall remain available for expenditure until June 30
3 of the third year of the program. In subsequent years, state
4 funds and any interest earned on the state funds which are
5 appropriated, but not expended by June 30 of the school year
6 shall revert to the general fund as provided under section
7 8.33. Receipt of funds during the first year of the program
8 shall not affect eligibility to receive funds during any
9 subsequent years.

10 EXPLANATION

11 This bill establishes a math and science education grant
12 program in the department of education to promote certain
13 state and national educational goals. The board of
14 educational examiners is given authority to make
15 recommendations for specific changes in licensing requirements
16 for math and science teachers. The department is to award
17 grants to public school corporations from funds in the math
18 and science education account for plans and proposed budgets
19 which meet with departmental approval. The department is
20 authorized to receive both public and private funds for
21 deposit into the account and use as grant award moneys. Up to
22 six percent of any state funds appropriated for the program
23 may be used for administrative purposes. After the first
24 three years of the program, state funds will revert to the
25 general fund under section 8.33.

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Neuhauser, Chair
Hurley
Shoultz

HSB 155

EDUCATION

SENATE/HOUSE FILE 485
BY (PROPOSED GOVERNOR'S BILL)

Passed Senate, Date _____ Passed House, Date _____
Vote: Ayes _____ Nays _____ Vote: Ayes _____ Nays _____
Approved _____

A BILL FOR

1 An Act to establish a math and science grant program under the
2 administration of the department of education and creating a
3 math and science account.

4 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

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13 calendar year in which the approved plans were submitted.
14 Provision of matching funds from institutional private sources
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17 However, for the first school year for which program funds
18 are appropriated, a board of directors of a public school
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24 In addition to awarding grants, and if the activity does
25 not violate federal matching funds requirements for an Iowa
26 math and science grant program, the department may expend
27 funds to contract with a public or private nonprofit education
28 organization, association, or laboratory for the development
29 of models or recommendations with statewide applications to
30 further the goals of this section.

31 2. The department shall make recommendations for, and the
32 state board shall adopt, rules relating to program goals and
33 program administration. The goals of the math and science
34 education program may include, but are not limited to, the
35 development of a model multidisciplinary science curricula

1 that will serve as the framework for the development of
2 individual teaching modules; the design and implementation of
3 a statewide model for staff development in science and math
4 education; the development of specific recommendations and
5 rationale for changes in school standards that will facilitate
6 improvements in math and science education and provide
7 outcomes that serve as a standard of successful learning; the
8 development of recommendations for specific changes in the
9 licensing requirements for math and science teachers;
10 provision of a sequence of competencies and instructional
11 strategies for inclusion in teacher preparation programs for
12 those entering math and science programs in Iowa teacher
13 preparation institutions; development and implementation of a
14 new statewide assessment program that is consistent with the
15 materials and approaches envisioned; and the development and
16 implementation strategies for recruitment and retention of
17 females and minorities in math and science education.

18 Program administration rules shall include, but are not
19 limited to, development of standard formats and procedures for
20 the submission and assessment of grant applications.

21 3. There is established in the state treasury a math and
22 science education account that is under the control of and
23 administered by the department of education. The department
24 may accept gifts, grants, bequests, and other private
25 contributions, as well as state or federal funds, and shall
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35 the program shall not revert to the general fund under section

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2 of the third year of the program. In subsequent years, state
3 funds and any interest earned on the state funds which are
4 appropriated, but not expended by June 30 of the school year
5 shall revert to the general fund as provided under section
6 8.33. Receipt of funds during the first year of the program
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9 EXPLANATION

10 This bill establishes a math and science education grant
11 program in the department of education to promote certain
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14 math and science education account for plans and proposed
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In addition to awarding grants, and if the activity does not violate federal matching funds requirements for an Iowa math and science grant program, the department may expend funds to contract with a public or private nonprofit education organization, association, or laboratory for the development of models or recommendations with statewide applications to further the goals of this section.

2. The department shall make recommendations for, and the state board shall adopt, rules relating to program goals and program administration. The goals of the math and science education program may include, but are not limited to, the development of a model multidisciplinary science curricula that will serve as the framework for the development of individual teaching modules; the design and implementation of a statewide model for staff development in science and math education; the development of specific recommendations and rationale for changes in school standards that will facilitate improvements in math and science education and provide outcomes that serve as a standard of successful learning;

HOUSE FILE 485

AN ACT

TO ESTABLISH A MATH AND SCIENCE GRANT PROGRAM UNDER THE ADMINISTRATION OF THE DEPARTMENT OF EDUCATION, CREATING A MATH AND SCIENCE ACCOUNT, AND PROVIDING FOR LICENSING CHANGES BY THE BOARD OF EDUCATIONAL EXAMINERS.

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

Section 1. NEW SECTION. 256.45A MATH AND SCIENCE GRANT PROGRAM.

1. The department shall establish a math and science education grant program to provide for the allocation of grant moneys to public school corporations and to contract for the development of statewide program models and recommendations in keeping with the goals stated in this section. A public

provision of a sequence of competencies and instructional strategies for inclusion in teacher preparation programs for those entering math and science programs in Iowa teacher preparation institutions; development and implementation of a new statewide assessment program that is consistent with the materials and approaches envisioned; and the development and implementation strategies for recruitment and retention of females and minorities in math and science education.

The board of educational examiners may develop recommendations for specific changes in the licensing requirements for math and science teachers.

Program administration rules shall include, but are not limited to, development of standard formats and procedures for the submission and assessment of grant applications.

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shall not affect eligibility to receive funds during any subsequent years.

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ROBERT C. ARNOULD
Speaker of the House

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JOE J. WELSH
President of the Senate

I hereby certify that this bill originated in the House and is known as House File 485, Seventy-fourth General Assembly.

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JOSEPH O'HERN
Chief Clerk of the House

Approved *April 29*, 1991

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TERRY E. BRANSTAD
Governor