

Finance: Halvorson of Webster, Chair; Branstad and Connolly.

Reprinted 4/7/83

Amended: per 3370's Do Pass 3/28/83 (p. 933)

HOUSE FILE 532

MAR 18 1983

BY COMMITTEE ON EDUCATION

House File 532 *3/23 (p. 890)*
70

(Formerly Study Bill 290)

Appropriations: Groth, Chair; Carter and Stueland.

Passed House, Date 4-5-83 (p. 1054) Passed Senate, Date _____

Vote: Ayes 92 Nays 5 Vote: Ayes _____ Nays _____

Approved _____

A BILL FOR

1 An Act to provide for the establishment of programs for
2 teachers of science and mathematics and to make an
3 appropriation.

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

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HOUSE FILE 532

FISCAL NOTE

REQUESTED BY REPRESENTATIVE GROTH

In compliance with a written request received March 18, 1983 there is hereby submitted a Fiscal Note for House File 532 pursuant to Joint Rule 17. Background information used in developing this Fiscal Note is available from the Legislative Fiscal Bureau, to members of the Legislature upon request.

House File 532 is an Act which creates an Iowa science and mathematics loan program for teachers to obtain authorization for teaching science and mathematics courses or to upgrade their skills. The bill also provides an appropriation to the department of public instruction to assist in the development of programs.

The fiscal effect upon the state will be no greater than the appropriations which are made in the Act.

(1229H, 83-424, GPD)

FILED MARCH 30, 1983

BY DENNIS PROUTY, FISCAL DIRECTOR

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HF 532

1 Section 1. Section 261.2, Code 1983, is amended by adding
2 the following new subsection:

3 NEW SUBSECTION. Prepare and administer the Iowa science
4 and mathematics loan program under this chapter.

5 Sec. 2. NEW SECTION. 261.28 SCIENCE AND MATHEMATICS
6 LOAN PROGRAM. The Iowa science and mathematics loan program
7 is established to be administered by the commission. The
8 purpose of the loan program is to assist teachers to obtain
9 or to upgrade their teaching authorization in the areas of
10 science or mathematics. The commission shall adopt rules
11 under chapter 17A to administer the program.

12 Sec. 3. NEW SECTION. 261.29 LOANS TO TEACHERS. Loans
13 may be granted only to a person possessing a valid teacher's
14 certificate issued under chapter 260. The annual amount of
15 a loan to a teacher enrolled as a full-time student shall
16 not exceed one thousand five hundred dollars per fiscal year
17 or the total amount of tuition and fees, whichever is less.
18 The annual amount of a loan to a teacher enrolled on at least
19 a half-time basis shall not exceed seven hundred fifty dollars,
20 or the total amount of tuition and fees, whichever is less.
21 Loans may be made for courses in programs offered in this
22 state and approved by the board of educational examiners.
23 The board of educational examiners shall adopt rules pursuant
24 to chapter 17A for approval of programs. The rules shall
25 require that the programs provide training in both subject
26 content and teaching methodology for mathematics and science
27 teaching and that priority for loans be given to teachers
28 possessing minimal qualifications for teaching science and
29 mathematics.

30 The commission shall set a final date for submission of
31 applications each year and shall review the applications and
32 inform the recipients within a reasonable time after the
33 deadline.

34 Sec. 4. NEW SECTION. 261.30 APPROPRIATION. There is
35 appropriated for each fiscal year from the general fund of

1 the state to the Iowa college aid commission the sum of two
2 hundred thousand (200,000) dollars, or so much thereof as
3 is necessary, to make loans under sections 261.28 and 261.29.

4 Sec. 5. NEW SECTION. 261.31 REPAYMENT. Repayment of
5 the loan shall begin one year after the teacher completes
6 the educational program for which tuition and fees are
7 received. If a teacher submits evidence to the commission
8 that the teacher was employed as a teacher of one or more
9 science or mathematics courses or as an elementary teacher
10 teaching science and mathematics in a public school district
11 during that year in this state, fifty percent of the amount
12 of the loan is canceled.

13 At the end of the second year, if the teaching requirements
14 are met, the remainder of the loan is forgiven and payments
15 made by that teacher during the year shall be refunded to
16 the teacher.

17 The interest rate collected on the loan shall be equal
18 to the interest rate being collected by an eligible lender
19 under the guaranteed student loan program.

20 The commission shall prescribe by rule the terms of
21 repayment which shall provide for monthly payments of principle
22 and interest of not less than seventy-five dollars.

23 Sec. 6. NEW SECTION. 257.27 PROGRAMS FOR IMPROVEMENT
24 OF SCIENCE AND MATHEMATICS TEACHING. The department shall
25 provide for the establishment of programs, approved by the
26 board of educational examiners, for teachers to improve skills
27 in teaching in the science and mathematics areas. Each program
28 shall provide assistance to teachers in subject content and
29 teaching methodology for science or mathematics, or both,
30 for one or more of the following:

31 1. For those possessing minimal qualifications, to upgrade
32 qualifications.

33 2. To obtain authorization to teach science or mathematics
34 courses.

35 3. For those possessing authorization in the science or

1 mathematics areas, to improve techniques.

2 The programs may be established through an area education
3 agency or public or private institution of higher education
4 in this state.

5 Annually, there is appropriated from the general fund of
6 the state to the department of public instruction the sum
7 of sixty thousand dollars, or so much thereof as is necessary,
8 to be allocated for the establishment of programs under this
9 section. Priority shall be given to the establishment of
10 programs under subsection 1.

11 EXPLANATION

12 This bill creates an Iowa science and mathematics loan
13 program for teachers to obtain authorization for teaching
14 science or mathematics courses or to upgrade their skills.
15 Teachers may receive loans of up to \$1,500 per year for two
16 years for tuition for programs. The loans are forgiven in
17 installments if the teacher subsequently teaches science or
18 math courses on the secondary level or science or math on
19 the elementary level in this state. There is a \$200,000
20 annual appropriation to the college aid commission to pay
21 for the loans. The bill also provides an appropriation to
22 the department of public instruction to assist in the
23 development of programs.

24 The bill creates new sections 261.28 through 261.31 and
25 257.27 and contains cross-references to those sections. This
26 bill takes effect July 1 following its enactment.

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HOUSE FILE 532

H-3497

1 Amend House File 532 as follows:

2 1. By striking everything after the enacting
3 clause and inserting in lieu thereof the following:
4 "Section 1. Chapter 261, Code 1983, is amended
5 by adding the following new section as section 261.5:

6 NEW SECTION. 261.5 GUARANTEED LOAN PAYMENT
7 PROGRAM. There is established a guaranteed student
8 loan payment program to be administered by the
9 commission. An individual who meets all of the
10 following conditions is eligible for reimbursement
11 payments under the program if the individual:

12 1. Is a teacher employed on a full-time basis
13 under sections 279.13 through 279.19 in a school
14 district in this state.

15 2. Has an outstanding debt with an eligible lender
16 under the Iowa guaranteed student loan program as
17 of the beginning of a school year.

18 3. Teaches one or more of the following during
19 that school year:

20 a. A sequential mathematics course at the advanced
21 algebra level or higher.

22 b. A chemistry, advanced chemistry, physics or
23 advanced physics course.

24 4. Graduated from college after July 1, 1983 with
25 a major in mathematics or science.

26 The commission shall adopt rules under chapter
27 17A to provide for the administration of this program.

28 Annually, commencing July 1, 1983, there is
29 appropriated from the general fund of the state to
30 the Iowa college aid commission the sum of thirty
31 thousand (30,000) dollars, or as much thereof as is
32 necessary, to make the reimbursement payments required
33 under this section.

34 Annual reimbursement payments to an eligible teacher
35 for loan repayments made during a school year shall
36 be equal to one thousand dollars or the remainder
37 of a loan, whichever is less. If the amount
38 appropriated for a fiscal year is insufficient to
39 make the reimbursement payments for that year, the
40 reimbursement payments shall be proportionally reduced.
41 Total payments for an eligible teacher shall not
42 exceed six thousand dollars. If a teacher fails to
43 complete a year of instruction in a course listed
44 in subsection 4, the teacher shall not be reimbursed
45 for loan repayments made during that school year.

46 Sec. 2. Section 261.2, Code 1983, is amended by
47 adding the following new subsection:

48 NEW SUBSECTION. Prepare and administer the Iowa
49 science and mathematics loan program under this
50 chapter.

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Page Two

1 Sec. 3. NEW SECTION. 261.28 SCIENCE AND
2 MATHEMATICS LOAN PROGRAM. The Iowa science and
3 mathematics loan program is established to be
4 administered by the commission. The purpose of the
5 loan program is to assist teachers to obtain or to
6 upgrade their teaching authorization in the areas
7 of science or mathematics. The commission shall adopt
8 rules under chapter 17A, in consultation with the
9 board of educational examiners, to administer the
10 program. The rules shall provide that loans not be
11 granted to teachers for the purpose of improving their
12 knowledge of subject content or teaching skills in
13 order to teach courses in subject matter areas for
14 which they possess approval granted by the board of
15 educational examiners. The rules shall also provide
16 that priority for loans be given to teachers pos-
17 sessed minimal qualifications for teaching science
18 or mathematics.

19 Sec. 4. NEW SECTION. 261.29 LOANS TO TEACHERS.
20 Loans may be granted only to a person possessing a
21 valid teacher's certificate issued under chapter 260.
22 The annual amount of a loan to a teacher enrolled
23 as a full-time student shall not exceed one thousand
24 dollars for the fiscal year beginning July 1, 1983
25 and one thousand five hundred dollars for each
26 succeeding fiscal year, or the total amount of tuition
27 and fees, whichever is less. The annual amount of
28 a loan to a teacher enrolled on at least a half-time
29 basis shall not exceed five hundred dollars for the
30 fiscal year beginning July 1, 1983 and seven hundred
31 fifty dollars for each succeeding fiscal year, or
32 the total amount of tuition and fees, whichever is
33 less. Loans may be made for courses in programs
34 offered in this state and approved by the board of
35 educational examiners. The board of educational
36 examiners shall adopt rules pursuant to chapter 17A
37 for approval of programs. The rules shall require
38 that the programs provide training in both subject
39 content and teaching methodology for mathematics and
40 science teaching.

41 The commission shall set a final date for submission
42 of applications each year and shall review the
43 applications and inform the recipients within a
44 reasonable time after the deadline.

45 Sec. 5. NEW SECTION. 261.30 APPROPRIATIONS.
46 There is appropriated from the general fund of the
47 state to the Iowa college aid commission for the
48 fiscal year beginning July 1, 1983 the sum of forty
49 thousand (40,000) dollars, or as much thereof as is
50 necessary, and for each succeeding fiscal year, the

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Page Three

1 sum of one hundred forty thousand (140,000) dollars,
2 or as much thereof as is necessary, to make loans
3 under sections 261.28 and 261.29.

4 Sec. 6. NEW SECTION. 261.31 REPAYMENT. Repayment
5 of the loan shall begin one year after the teacher
6 completes the educational program for which tuition
7 and fees are received. If a teacher submits evidence
8 to the commission that the teacher was employed as
9 a teacher of one or more science or mathematics courses
10 or as an elementary teacher teaching science and
11 mathematics in a public school district during that
12 year in this state, fifty percent of the amount of
13 the loan is canceled.

14 At the end of the second year, if the teaching
15 requirements are met, the remainder of the loan is
16 forgiven and payments made by that teacher during
17 the year shall be refunded to the teacher.

18 There is created a science and math loan repayment
19 fund for deposit of payments made by teachers. Refunds
20 of payments by teachers shall be paid by the commission
21 to the teachers from the fund created in this section.
22 Payments made by teachers that are not refunded shall
23 be transferred on each June 30 from the fund created
24 in this section to the general fund of the state.

25 The interest rate collected on the loan shall be
26 equal to the interest rate being collected by an
27 eligible lender under the guaranteed student loan
28 program.

29 The commission shall prescribe by rule the terms
30 of repayment which shall provide for monthly payments
31 of principle and interest of not less than seventy-
32 five dollars.

33 Sec. 7. NEW SECTION. 257.27 PROGRAMS FOR
34 IMPROVEMENT OF SCIENCE AND MATHEMATICS TEACHING.
35 The department shall provide for the establishment
36 of programs, approved by the board of educational
37 examiners, for teachers to improve skills in teaching
38 in the science and mathematics areas. Each program
39 shall provide assistance to teachers in subject content
40 and teaching methodology for science or mathematics.

41 The programs may be established through an area
42 education agency or public or private institution
43 of higher education in this state.

44 There is appropriated from the general fund of
45 the state to the department of public instruction
46 for the fiscal year beginning July 1, 1984, and each
47 succeeding fiscal year, the sum of sixty thousand
48 (60,000) dollars, or as much thereof as is necessary,
49 to be allocated for the establishment of programs
50 under this section.

APRIL 5, 1983
PAGE EIGHTEEN

H-3497
Page Four

1 Sec. 8. This Act, being deemed of immediate
2 importance, takes effect from and after its publication
3 in the Storm Lake Register, a newspaper published
4 in Storm Lake, Iowa, and in The Leon Journal-Reporter,
5 a newspaper published in Leon, Iowa."

BY GROTH of Buena Vista
DAGGETT of Taylor
HALVORSON of Webster
BRANSTAD of Winnebago
OLLIE of Clinton
HANSON of Delaware

H-3497 FILED MARCH 31, 1983
Adopted as amended by 3502 4/5/83 (p.1054)

HOUSE FILE 532

H-3370

1 Amend House File 532 as follows:

- 2 '1. Page 1, line 11, by inserting after the word
3 "program." the following: "The rules shall provide
4 that loans not be granted to teachers for the purpose
5 of improving their knowledge of subject content or
6 teaching skills in order to teach courses in subject
7 matter areas for which they possess approval granted
8 by the board of educational examiners."
9 2. Page 1, line 16, by inserting after the word
10 "thousand" the words and figures "dollars for the
11 fiscal year beginning July 1, 1984 and one thousand".
12 3. Page 1, line 16, by striking the word "per"
13 and inserting in lieu thereof the words "for each
14 succeeding".
15 4. Page 1, line 19, by inserting after the word
16 "exceed" the words and figures "five hundred dollars
17 for the fiscal year beginning July 1, 1984 and".
18 5. Page 1, line 19, by inserting after the word
19 "dollars" the words "for each succeeding fiscal year".
20 6. Page 1, line 35, by striking the word "each"
21 and inserting in lieu thereof the words and figures
22 "the fiscal year beginning July 1, 1984".
23 7. Page 2, line 1, by inserting after the word
24 "of" the words and figures "forty thousand (40,000)
25 dollars, or so much thereof as is necessary, and for
26 each succeeding fiscal year the sum of".
27 8. Page 3, line 5, by striking the words "Annually,
28 there" and inserting in lieu thereof the word "There".
29 9. Page 3, line 7, by striking the word "sixty"
30 and inserting in lieu thereof the words and figures
31 "thirty thousand dollars for the fiscal year beginning
32 July 1, 1984 and sixty".
33 10. Page 3, line 7, by inserting after the word
34 "necessary," the words "for each succeeding fiscal
35 year".

H-3370 FILED MARCH 24, 1983 BY COMMITTEE ON APPROPRIATIONS
Placed out of order 4/5 (p.1054)

HOUSE FILE 532

H-3498

- 1 Amend amendment H-3497, to House File 532, as
- 2 follows:
- 3 1. Page 1, line 28, by striking the word
- 4 "Annually," and inserting in lieu thereof the words
- 5 "For the fiscal year".
- 6 2. By striking page 2, line 50, through page 3,
- 7 line 2, and inserting in lieu thereof the words
- 8 "necessary, to make loans".
- 9 3. Page 3, lines 46 and 47, by striking the words
- 10 "and each succeeding fiscal year,".

H-3498 FILED MARCH 31, 1983 BY WELDEN of Hardin
LOST (*p. 1021*)

HOUSE FILE 532

H-3499

- 1 Amend amendment H-3497 to House File 532 as follows:
- 2 1. Page 3, line 11, by inserting after the word
- 3 "district" the words "or in an approved nonpublic
- 4 school".

H-3499 FILED MARCH 31, 1983 BY CONNOLLY of Dubuque
Lost (*p. 1021*)

HOUSE FILE 532

H-3502

- 1 Amend amendment H-3497 to House File 532 as follows:
- 2 1. Page 3, line 18, by striking the word "math"
- 3 and inserting in lieu thereof the word "mathematics".

H-3502 FILED MARCH 31, 1983 BY GROTH of Buena Vista
ADOPTED BY UNANIMOUS CONSENT (*p. 1021*)

HOUSE FILE 532

H-3503

- 1 Amend H-3497 to House File 532 as follows:
- 2 1. Page 4, by striking lines 1 through 5.

H-3503 FILED MARCH 31, 1983 BY MENKE of O'Brien
Lost 4/5/83 (*p. 105-1*)

HOUSE FILE 532
FISCAL NOTE

REQUESTED BY SENATOR BROWN

In compliance with a written request there is hereby submitted a Fiscal Note for S-3463 an amendment by the Senate Education Committee to House File 532, pursuant to Joint Rule 17.

S-3463, amendment by the Senate Education Committee to House File 532, an Act to provide funds to establish a computer educational clearinghouse, establish a guaranteed student loan payment program, grant additional weighting to certain school districts, and provide a standing unlimited for pupils enrolled in advanced foreign language courses, upper level math, physics and chemistry courses.

Section 1. This section establishes a computer educational software clearinghouse to assist school districts, area education agencies, and merged area schools to acquire useful computer software for instructional purposes. It requires the appointment of a committee to administer the clearinghouse.

The cost to the state would be \$30,000 in FY 1984. This is appropriated for start-up and planning costs for the clearinghouse.

The cost to the state would be \$250,000 in FY 1985. It is anticipated that the funds would be spent in the following way:

Acquisition of computer programs	\$200,000
Cataloging of all available materials	20,000
Distribution of materials	30,000
	<u>\$250,000</u>

Section 2. This section establishes a standing unlimited appropriation for a guaranteed student loan payment program administered by the Iowa college aid commission. Payments of up to \$1,000 per year for six years will be made on the guaranteed student loans for math or science majors graduating from college after January 1, 19893 who teach a sequential math course at the advanced algebra level or higher or who teach physics or chemistry courses in Iowa's schools.

The cost to the state of this loan payment program is not known. In 1982 there were 87 teachers who graduated with science majors and 46 teachers who graduated with math majors. Of those 133 teachers graduating with a math or science degree, in 1982, to qualify for the program they would need to:

1. Have outstanding debt under the Iowa guaranteed loan program.
2. Never defaulted on loan guaranteed by the commission or federal government.
3. Be employed on a full-time basis in Iowa school district.
4. Teach a sequential math course at the advanced algebra level or higher or teach a physics or chemistry course.

Section 3. This section grants an additional pupil to the weighted enrollment of school districts that have pupils counted under the supplementary weighting plan for certain advanced science, mathematics or foreign language courses.

House File 532 - FISCAL NOTE - PAGE 2

Currently, only 41 school districts qualify for the supplementary weighting plan for sharing in math, science or foreign language. Under the school foundation plan, the state would pay for approximately one-half of the additional student's cost and property tax would pay approximately one-half. With a 1983-84 statewide average cost per pupil of \$2,224, the state cost would be:

$$(\$2,224 \times \frac{1}{2}) \times 41 = \$ 45,000$$

With an identical increase in property tax.

If all school districts participated, the cost could be over \$450,000 in additional state aid and \$450,000 additional property.

Section 4. This section provides a standing unlimited appropriation beginning July 1, 1984 to school districts equal to \$50 times the number of pupils enrolled in advanced foreign language courses, sequential math courses at the advanced algebra level or higher, and physics and chemistry courses. The additional money should be spent for teacher in-service and to improve the courses for which the additional money is paid. The payments are miscellaneous income and are based upon the previous year's enrollment in the courses.

The total cost to the state of this standing unlimited appropriation is not known. The number of students who are enrolled, for the 1982-83 school year, in courses which would qualify are:

<u>Subject</u>	<u>Students</u>
Foreign language 2nd year level and above	14,898
Sequential mathematics courses at advanced algebra level and above	28,473
Chemistry, advanced chemistry, physics, advanced physics	21,730
	<u>65,101</u>

The state would appropriate \$50 x 65,101 students = \$3,255,050.

This figure could increase if more students are encouraged into those areas by the 1984-85 school year when the programs begins.

CONCLUSION

- Section 1 appropriates \$30,000 from the state general fund in FY 1984 and appropriates \$250,000 from the state general fund in FY 1985.
- Section 2 is a standing unlimited appropriation starting in FY 1984, the cost of which is not known.
- Section 3 Currently, only 41 school districts qualify with a cost of over \$45,000 to the state in FY 1984 and a FY 1984 increase in property tax of over \$45,000.
- Section 4 is standing unlimited appropriation, the cost of which would be \$3,255,050 in FY 1983. The appropriation begins in FY 1985 and could increase through greater participation at that time.

(1229.X01, 83-478, GPD)

FILED
APRIL 14, 1983

BY LEGISLATIVE FISCAL BUREAU
DENNIS C. PROUTY, DIRECTOR

MAY 10, 1983

PAGE TWO

REVISED

HOUSE FILE 532

REVISED

PROPOSED AMENDMENT TO THE SENATE AMENDMENT

FISCAL NOTE

REQUESTED BY REPRESENTATIVE GROTH

In compliance with a written request received May 6, 1983, there is hereby submitted a Fiscal Note for Proposed Amendment to the Senate Amendment to House File 532 pursuant to Joint Rule 17. Background information used in developing this Fiscal Note is available from the Legislative Fiscal Bureau, to members of the Legislature upon request.

Proposed amendment to the Senate Amendment to House File 532 is an Act which; appropriates funds for the loan repayment program, gives a \$25 per pupil appropriation to school districts having students enrolled in advanced math and science programs, establishes a math and science loan program, establishes a program for improvement of science and math programs, and establishes a supplemental grant program for students graduating with at least 7 units of advanced math and science.

Item 1 and 2 changes the Senate version of the guaranteed student loan payment program administered by the College Aid Commission. Payments of up to \$1,000 per year for six years will be made on guaranteed student loans for math and science majors graduating from college after January 1, 1983 who teach a sequential math course at the advanced algebra level or higher or who teach physics or chemistry in Iowa's schools.

The Senate version made this a standing unlimited appropriation, this amendment appropriates \$30,000 in FY1984 and \$60,000 in FY1985.

Item 3 simply clarifies when the additional weighting for schools sharing students in certain areas begins.

Item 4 provides for the payment of \$50 per pupil to school districts with students completing first-year level foreign language courses and \$25 for students enrolled in sequential mathematics courses at the advanced algebra level and above and in chemistry, advanced chemistry, physics, and advanced physics courses. The payment for students in math and science courses must be used for the purchase of equipment. The Senate version appropriated \$50 per student in second year levels and above of foreign language and \$50 per students in math and science.

The total cost to the state of this standing unlimited appropriation is not known. The number of students enrolled, for the 1982-1983 school year, in courses which qualify are:

<u>Subject</u>	<u>Students</u>
Foreign language 1st year level	17,518
Sequential mathematics courses advanced algebra and above	28,473
Chemistry, advanced chemistry, physics, advanced chemistry	21,730
	50,203

The state would appropriate for foreign language \$50 x 17,518 students = \$ 875,900
The state would appropriate for math and science \$25 x 50,203 students = \$ 1,255,075
2,130,975

This figure could increase if more students are encouraged into those areas by the 1984-1985 school year when the program begins.

HOUSE FILE 532, FISCAL NOTE, REVISED
Page Two

Item 6 strikes the Senate language which requires the funds paid to school districts for students enrolled in certain math, science, and foreign language courses goes towards in-service and retraining programs.

Item 7 establishes three new programs each of which has an appropriation.

- A teacher loan program to assist in the upgrading their teaching authorization in the areas of math and science. There is appropriated \$40,000, in FY1984, and \$140,000, in FY1985, to the College Aid Commission for this program.
- Establishes a program for the improvement of science and mathematics teaching. There is appropriated \$40,000, in FY1984, and \$140,000, in FY1985, to the Department of Public Instruction for this program.
- Provides for the payment of supplemental grants to students who graduate with seven units in certain math and science programs. There is appropriated, starting in FY1985, \$1,500,000, to the College Aid Commission for this program.

Summary

The fiscal impact of this amendment and the Senate amendment is:

	<u>FY1984</u>	<u>FY1985</u>
Computer Clearinghouse		250,000
Student Loan Payment-Math and Science	30,000	60,000
Supplementary Weighting-Math and Science	45,000	45,000
Math, Science and Foreign Language		2,130,975
Teacher Loan Program	40,000	140,000
Inservice Training	40,000	140,000
Supplemental Grants for Certain Courses		1,500,000
	<u>155,000</u>	<u>4,265,975</u>

FILED MAY 9, 1983

BY DENNIS PROUTY, FISCAL DIRECTOR

See Appropriation 4/6/83
See Education 4/7/83 Amend per 34631
HOUSE FILE 532 Do Pass 4/7 (p. 1143)

Education
Brown, Chair
Gratias
Anderson

HOUSE FILE 532

BY COMMITTEE ON EDUCATION

Finance 4/11/83 Do Pass 4/13 (p. 1258)

(As Amended and Passed by the House)

RePassed House, Date 5-9-83 (p. 1961) Passed Senate, Date 5-2-83 (p. 1486)

Vote: Ayes 91 Nays 3 Vote: Ayes 48 Nays 0

Approved June 9 1983

Motion to reconsider 5/11 (p. 1679) Lost 5/14/83
Repassed Senate 5-11-83 (p. 1658)

46-2

A BILL FOR

1 An Act to provide for the establishment of programs for
2 teachers of science and mathematics and to make an
3 appropriation.

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

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House Amendments _____

1 Section 1. Chapter 261, Code 1983, is amended by adding
2 the following new section as section 261.5:

3 NEW SECTION. 261.5 GUARANTEED LOAN PAYMENT PROGRAM.

4 There is established a guaranteed student loan payment program
5 to be administered by the commission. An individual who meets
6 all of the following conditions is eligible for reimburse-
7 ment payments under the program if the individual:

8 1. Is a teacher employed on a full-time basis under sec-
9 tions 279.13 through 279.19 in a school district in this
10 state.

11 2. Has an outstanding debt with an eligible lender under
12 the Iowa guaranteed student loan program as of the beginning
13 of a school year.

14 3. Teaches one or more of the following during that school
15 year:

16 a. A sequential mathematics course at the advanced algebra
17 level or higher.

18 b. A chemistry, advanced chemistry, physics or advanced
19 physics course.

20 4. Graduated from college after July 1, 1983 with a major
21 in mathematics or science.

22 The commission shall adopt rules under chapter 17A to pro-
23 vide for the administration of this program.

24 Annually, commencing July 1, 1983, there is appropriated
25 from the general fund of the state to the Iowa college aid
26 commission the sum of thirty thousand (30,000) dollars, or
27 as much thereof as is necessary, to make the reimbursement
28 payments required under this section.

29 Annual reimbursement payments to an eligible teacher for
30 loan repayments made during a school year shall be equal to
31 one thousand dollars or the remainder of a loan, whichever
32 is less. If the amount appropriated for a fiscal year is
33 insufficient to make the reimbursement payments for that year,
34 the reimbursement payments shall be proportionally reduced.
35 Total payments for an eligible teacher shall not exceed six

1 thousand dollars. If a teacher fails to complete a year of
2 instruction in a course listed in subsection 4, the teacher
3 shall not be reimbursed for loan repayments made during that
4 school year.

5 Sec. 2. Section 261.2, Code 1983, is amended by adding
6 the following new subsection:

7 NEW SUBSECTION. Prepare and administer the Iowa science
8 and mathematics loan program under this chapter.

9 Sec. 3. NEW SECTION. 261.28 SCIENCE AND MATHEMATICS
10 LOAN PROGRAM. The Iowa science and mathematics loan program
11 is established to be administered by the commission. The
12 purpose of the loan program is to assist teachers to obtain
13 or to upgrade their teaching authorization in the areas of
14 science or mathematics. The commission shall adopt rules
15 under chapter 17A, in consultation with the board of
16 educational examiners, to administer the program. The rules
17 shall provide that loans not be granted to teachers for the
18 purpose of improving their knowledge of subject content or
19 teaching skills in order to teach courses in subject matter
20 areas for which they possess approval granted by the board
21 of educational examiners. The rules shall also provide that
22 priority for loans be given to teachers possessing minimal
23 qualifications for teaching science or mathematics.

24 Sec. 4. NEW SECTION. 261.29 LOANS TO TEACHERS. Loans
25 may be granted only to a person possessing a valid teacher's
26 certificate issued under chapter 260. The annual amount of
27 a loan to a teacher enrolled as a full-time student shall
28 not exceed one thousand dollars for the fiscal year beginning
29 July 1, 1983 and one thousand five hundred dollars for each
30 succeeding fiscal year, or the total amount of tuition and
31 fees, whichever is less. The annual amount of a loan to a
32 teacher enrolled on at least a half-time basis shall not
33 exceed five hundred dollars for the fiscal year beginning
34 July 1, 1983 and seven hundred fifty dollars for each
35 succeeding fiscal year, or the total amount of tuition and

1 fees, whichever is less. Loans may be made for courses in
2 programs offered in this state and approved by the board of
3 educational examiners. The board of educational examiners,
4 shall adopt rules pursuant to chapter 17A for approval of
5 programs. The rules shall require that the programs provide
6 training in both subject content and teaching methodology
7 for mathematics and science teaching.

8 The commission shall set a final date for submission of
9 applications each year and shall review the applications and
10 inform the recipients within a reasonable time after the
11 deadline.

12 Sec. 5. NEW SECTION. 261.30 APPROPRIATIONS. There is
13 appropriated from the general fund of the state to the Iowa
14 college aid commission for the fiscal year beginning July
15 1, 1983 the sum of forty thousand (40,000) dollars, or as
16 much thereof as is necessary, and for each succeeding fiscal
17 year, the sum of one hundred forty thousand (140,000) dollars,
18 or as much thereof as is necessary, to make loans under
19 sections 261.28 and 261.29.

20 Sec. 6. NEW SECTION. 261.31 REPAYMENT. Repayment of
21 the loan shall begin one year after the teacher completes
22 the educational program for which tuition and fees are
23 received. If a teacher submits evidence to the commission
24 that the teacher was employed as a teacher of one or more
25 science or mathematics courses or as an elementary teacher
26 teaching science and mathematics in a public school district
27 during that year in this state, fifty percent of the amount
28 of the loan is canceled.

29 At the end of the second year, if the teaching requirements
30 are met, the remainder of the loan is forgiven and payments
31 made by that teacher during the year shall be refunded to
32 the teacher.

33 There is created a science and mathematics loan repayment
34 fund for deposit of payments made by teachers. Refunds of
35 payments by teachers shall be paid by the commission to the

1 teachers from the fund created in this section. Payments
2 made by teachers that are not refunded shall be transferred
3 on each June 30 from the fund created in this section to the
4 general fund of the state.

5 The interest rate collected on the loan shall be equal
6 to the interest rate being collected by an eligible lender
7 under the guaranteed student loan program.

8 The commission shall prescribe by rule the terms of
9 repayment which shall provide for monthly payments of principal
10 and interest of not less than seventy-five dollars.

11 Sec. 7. NEW SECTION. 257.27 PROGRAMS FOR IMPROVEMENT
12 OF SCIENCE AND MATHEMATICS TEACHING. The department shall
13 provide for the establishment of programs, approved by the
14 board of educational examiners, for teachers to improve skills
15 in teaching in the science and mathematics areas. Each program
16 shall provide assistance to teachers in subject content and
17 teaching methodology for science or mathematics.

18 The programs may be established through an area education
19 agency or public or private institution of higher education
20 in this state.

21 There is appropriated from the general fund of the state
22 to the department of public instruction for the fiscal year
23 beginning July 1, 1984, and each succeeding fiscal year, the
24 sum of sixty thousand (60,000) dollars, or as much thereof
25 as is necessary, to be allocated for the establishment of
26 programs under this section.

27 Sec. 8. This Act, being deemed of immediate importance,
28 takes effect from and after its publication in the Storm Lake
29 Register, a newspaper published in Storm Lake, Iowa, and in
30 The Leon Journal-Reporter, a newspaper published in Leon,
31 Iowa.

32
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S-3463

1 Amend House File 532, as amended, passed and
2 reprinted by the House, as follows:

3 1. By striking everything after the enacting
4 clause and inserting in lieu thereof the following:

5 "Section 1. NEW SECTION. 257.31 SOFTWARE
6 CLEARINGHOUSE.

7 1. The state board of public instruction under
8 its authority granted in section 257.10, subsection
9 14, shall establish a computer software clearinghouse
10 for instructional purposes to perform the following
11 services for school districts, area education agencies,
12 and merged area schools in this state:

13 a. Acquire computer programs based upon curricular
14 needs of educational agencies.

15 b. Evaluate computer programs as to their
16 appropriateness to educational programs used in this
17 state.

18 c. Catalog and organize computer programs.

19 d. Reproduce and distribute computer programs.

20 e. Provide for the development of appropriate
21 educational materials to accompany the computer
22 programs.

23 2. The state board shall establish a committee
24 to coordinate the activities of the clearinghouse.
25 The members of the committee shall meet as often as
26 necessary to accomplish their duties and shall receive
27 reimbursement for travel and necessary expenses from
28 funds appropriated in this section.

29 The committee may negotiate agreements with public
30 and private agencies in order to perform the services
31 listed in subsection 1 and may charge users of the
32 services listed in subsection 1 reproduction costs
33 and other costs associated with the services.

34 3. There is appropriated from the general fund
35 of the state to the department of public instruction,
36 for the fiscal year beginning July 1, 1983, the sum
37 of thirty thousand (30,000) dollars, or so much thereof
38 as is necessary to fund start-up costs for the computer
39 software clearinghouse, and for each fiscal year
40 thereafter, the sum of two hundred fifty thousand
41 (250,000) dollars, or so much thereof as is necessary,
42 to fund the computer software clearinghouse.

43 Sec. 2. NEW SECTION. 261.5 GUARANTEED LOAN
44 PAYMENT PROGRAM. There is established a guaranteed
45 student loan payment program to be administered by
46 the commission. An individual who meets all of the
47 following conditions is eligible for reimbursement
48 payments under the program if the individual:

49 1. Is a teacher employed on a full-time basis
50 under sections 279.13 through 279.19 in a school

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3782 > 1 district in this state.

2 2. Has an outstanding debt with an eligible lender
3 under the Iowa guaranteed student loan program as
4 of the beginning of a school year.

5 3. Has never defaulted on a loan guaranteed by
6 the commission or by the federal government.

7 4. Teaches one or more of the following during
8 that school year:

9 a. A sequential mathematics course at the advanced
10 algebra level or higher.

11 b. A chemistry, advanced chemistry, physics or
12 advanced physics course.

13 5. Graduated from college after January 1, 1983
14 with a major in mathematics or science.

15 The commission shall adopt rules under chapter
16 17A to provide for the administration of this program.

17 Annually, commencing July 1, 1983, there is
18 appropriated from the general fund of the state to
19 the Iowa college aid commission an amount sufficient
20 to make the reimbursement payments required under
21 this section.

22 Annual reimbursement payments to an eligible teacher
23 for loan repayments made during a school year shall
24 be equal to one thousand dollars or the remainder
25 of a loan, whichever is less. Total payments for
26 an eligible teacher shall not exceed six thousand
27 dollars. If a teacher fails to complete a year of
28 instruction in a course listed in subsection 4, the
29 teacher shall not be reimbursed for loan repayments
30 made during that school year.

31 Sec. 3. Section 442.39, Code 1983, is amended
32 by adding the following new subsection:

33 NEW SUBSECTION. 3A. A school district receiving
34 additional funds under subsection 2 for its pupils
35 at the ninth grade level and above that are enrolled
36 in sequential mathematics courses at the advanced
37 algebra level and above; chemistry, advanced chemistry,
38 physics or advanced physics courses; or foreign
39 language courses at the second year level and above
40 shall have an additional weighting of one pupil added
41 to its total.

42 Sec. 4. NEW SECTION. 442.44 APPROPRIATION FOR
43 SPECIAL COURSES. The state comptroller shall pay
44 to each school district in this state an amount equal
45 to fifty dollars times the sum of the number of pupils
46 enrolled for the entire school year on a full-time
47 equivalent basis for the course in the following:

48 1. Foreign language courses at the second year
49 level and above.

50 2. Sequential mathematics courses at the advanced

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algebra level and above.

3. Chemistry, advanced chemistry, physics, and advanced physics courses.

Payment for a budget year shall be determined on the basis of the full-time equivalent enrollment in the courses for the base year.

The department of public instruction shall adopt rules under chapter 17A to carry out this section.

For the school year beginning July 1, 1984 and each succeeding school year, there is appropriated from the general fund of the state to the state comptroller an amount sufficient to make the payments to school districts required by this section. Moneys received by a school district under this section are miscellaneous income.

It is the intent of the general assembly that at least one-half of the additional moneys received by a school district under this section shall be used to pay for teacher in-service programs and teacher retraining programs in the areas of mathematics, science, and foreign languages and the remainder shall be used to pay for improvement of courses specified in this section.

Sec. 5. This Act, being deemed of immediate importance, takes effect from and after its publication in the Waterloo Courier, a newspaper published in Waterloo, Iowa, and in the LeMars Daily Sentinel, a newspaper published in LeMars, Iowa."

2. Title page, lines 1 and 2, by striking the words "for teachers of" and inserting in lieu thereof the words "relating to".

S-3463 FILED
APRIL 7, 1983

BY COMMITTEE ON EDUCATION
JOE BROWN, CHAIR

*Adopted as amended by 37081 2752
5/2/83 (p. 1486)*

HOUSE FILE 532

S-3708

Amend the amendment S-3463, filed to House File 532, as amended, passed, and reprinted by the House, as follows:

1. Page 1, by striking lines 36 through 39 and inserting in lieu thereof the following: "for the fiscal year beginning July 1, 1984 and each fiscal year".

S-3708 FILED
APRIL 28, 1983

BY JOE BROWN

Adopted 5/2/83 (p. 1486)

HOUSE FILE 532

S-3752

- 1 Amend the amendment S-3463 to House File 532 as
- 2 amended, passed and reprinted by the House as follows:
- 3 1. Page 2, line 1, by inserting after the word
- 4 "state" the words "or is a teacher in an approved non-
- 5 public school in this state".

S-3752 FILED & ADOPTED
MAY 2, 1983 (p. 1486)

BY WILLIAM W. DIELEMAN
JOE BROWN

HOUSE FILE 532

S-3901

- 1 Amend the House amendment S-3874 to House File 532
- 2 as amended, passed and reprinted by the House as follows:
- 3 1. Page 1, line 24, by striking the word "first-year"
- 4 and inserting in lieu thereof the word "third-year".

S-3901 FILED & WITHDRAWN
MAY 11, 1983 (p. 1657)

BY JULIA GENTLEMAN

SENATE AMENDMENT TO HOUSE FILE 532

H-4002

Amend House File 532, as amended, passed and reprinted by the House, as follows:

1. By striking everything after the enacting clause and inserting in lieu thereof the following:

"Section 1. NEW SECTION. 257.31 SOFTWARE CLEARINGHOUSE.

1. The state board of public instruction under its authority granted in section 257.10, subsection 14, shall establish a computer software clearinghouse for instructional purposes to perform the following services for school districts, area education agencies, and merged area schools in this state:

a. Acquire computer programs based upon curricular needs of educational agencies.

b. Evaluate computer programs as to their appropriateness to educational programs used in this state.

c. Catalog and organize computer programs.

d. Reproduce and distribute computer programs.

e. Provide for the development of appropriate educational materials to accompany the computer programs.

2. The state board shall establish a committee to coordinate the activities of the clearinghouse. The members of the committee shall meet as often as necessary to accomplish their duties and shall receive reimbursement for travel and necessary expenses from funds appropriated in this section.

The committee may negotiate agreements with public and private agencies in order to perform the services listed in subsection 1 and may charge users of the services listed in subsection 1 reproduction costs and other costs associated with the services.

3. There is appropriated from the general fund of the state to the department of public instruction, for the fiscal year beginning July 1, 1984 and each fiscal year thereafter, the sum of two hundred fifty thousand (250,000) dollars, or so much thereof as is necessary, to fund the computer software clearinghouse.

Sec. 2. NEW SECTION. 261.5 GUARANTEED LOAN PAYMENT PROGRAM. There is established a guaranteed student loan payment program to be administered by the commission. An individual who meets all of the following conditions is eligible for reimbursement payments under the program if the individual:

1. Is a teacher employed on a full-time basis under sections 279.13 through 279.19 in a school district in this state or is a teacher in an approved nonpublic school in this state.

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2. Has an outstanding debt with an eligible lender under the Iowa guaranteed student loan program as of the beginning of a school year.

3. Has never defaulted on a loan guaranteed by the commission or by the federal government.

4. Teaches one or more of the following during that school year:

a. A sequential mathematics course at the advanced algebra level or higher.

b. A chemistry, advanced chemistry, physics or advanced physics course.

5. Graduated from college after January 1, 1983 with a major in mathematics or science.

The commission shall adopt rules under chapter 17A to provide for the administration of this program.

Annually, commencing July 1, 1983, there is appropriated from the general fund of the state to the Iowa college aid commission an amount sufficient to make the reimbursement payments required under this section.

Annual reimbursement payments to an eligible teacher for loan repayments made during a school year shall be equal to one thousand dollars or the remainder of a loan, whichever is less. Total payments for an eligible teacher shall not exceed six thousand dollars. If a teacher fails to complete a year of instruction in a course listed in subsection 4, the teacher shall not be reimbursed for loan repayments made during that school year.

Sec. 3. Section 442.39, Code 1983, is amended by adding the following new subsection:

NEW SUBSECTION. 3A. A school district receiving additional funds under subsection 2 for its pupils at the ninth grade level and above that are enrolled in sequential mathematics courses at the advanced algebra level and above; chemistry, advanced chemistry, physics or advanced physics courses; or foreign language courses at the second year level and above shall have an additional weighting of one pupil added to its total.

Sec. 4. NEW SECTION. 442.44 APPROPRIATION FOR SPECIAL COURSES. The state comptroller shall pay to each school district in this state an amount equal to fifty dollars times the sum of the number of pupils enrolled for the entire school year on a full-time equivalent basis for the course in the following:

1. Foreign language courses at the second year level and above.

2. Sequential mathematics courses at the advanced algebra level and above.

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1 3. Chemistry, advanced chemistry, physics, and
2 advanced physics courses.

3 Payment for a budget year shall be determined on
4 the basis of the full-time equivalent enrollment in
5 the courses for the base year.

6 The department of public instruction shall adopt
7 rules under chapter 17A to carry out this section.

8 For the school year beginning July 1, 1984 and
9 each succeeding school year, there is appropriated
10 from the general fund of the state to the state
11 comptroller an amount sufficient to make the payments
12 to school districts required by this section. Moneys
13 received by a school district under this section are
14 miscellaneous income.

15 It is the intent of the general assembly that at
16 least one-half of the additional moneys received by
17 a school district under this section shall be used
18 to pay for teacher in-service programs and teacher
19 retraining programs in the areas of mathematics,
20 science, and foreign languages and the remainder shall
21 be used to pay for improvement of courses specified
22 in this section.

23 Sec. 5. This Act, being deemed of immediate
24 importance, takes effect from and after its publication
25 in the Waterloo Courier, a newspaper published in
26 Waterloo, Iowa, and in the LeMars Daily Sentinel,
27 a newspaper published in LeMars, Iowa."

28 2. Title page, lines 1 and 2, by striking the
29 words "for teachers of" and inserting in lieu thereof
30 the words "relating to".

H-4002 FILED MAY 4, 1983

RECEIVED FROM THE SENATE

House amended (4081) & concurred 5/9/83 (p. 1962)

H-4074

1 Amend the Senate amendment, H-4002, to House File
2 532, as amended, passed, and reprinted by the House,
3 as follows:

4 1. Page 2, by striking lines 16 through 18 and
5 inserting in lieu thereof the following:
6 "There is appropriated from the general fund of
7 the state to the Iowa college aid commission, the
8 sum of thirty thousand (30,000) dollars, or as much
9 thereof as is necessary, for the fiscal year beginning
10 July 1, 1983, and the sum of sixty thousand (60,000)
11 dollars, or as much thereof as is necessary, for the
12 fiscal year beginning July 1, 1984 and each succeeding
13 fiscal year,".

14 2. Page 2, line 21, by striking the word "Annual"
15 and inserting in lieu thereof the words "Maximum
16 annual".

17 3. Page 2, line 32, by striking the word "A" and
18 inserting in lieu thereof the words and figure "For
19 the school year beginning July 1, 1983 and succeeding
20 school years, a".

21 4. By striking page 2, line 46 through page 3,
22 line 2, and inserting in lieu thereof the following:
23 "equivalent basis in foreign language courses at the
24 first-year level and twenty-five dollars times the
25 sum of the number of pupils enrolled for the entire
26 school year on a full-time equivalent basis in
27 sequential mathematics courses at the advanced algebra
28 level and above and in chemistry, advanced chemistry,
29 physics and advanced physics courses."

30 5. Page 3, line 14, by inserting after the word
31 "income." the following: "Moneys received by a school
32 district for pupils enrolled in science and mathematics
33 courses shall be used only for purchase of equipment."

34 6. Page 3, by striking lines 15 through 22.

35 7. Page 3, by inserting after line 22 the
36 following:

37 "Sec. ____ . Section 261.2, Code 1983, is amended
38 by adding the following new subsection:

39 NEW SUBSECTION. Prepare and administer the Iowa
40 science and mathematics loan program under this
41 chapter.

42 Sec. ____ . NEW SECTION. 261.28 SCIENCE AND
43 MATHEMATICS LOAN PROGRAM. The Iowa science and
44 mathematics loan program is established to be
45 administered by the commission. The purpose of the
46 loan program is to assist teachers to obtain or to
47 upgrade their teaching authorization in the areas
48 of science or mathematics. The commission shall adopt
49 rules under chapter 17A, in consultation with the
50 board of educational examiners, to administer the

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1 program. The rules shall provide that loans not be
2 granted to teachers for the purpose of improving their
3 knowledge of subject content or teaching skills in
4 order to teach courses in subject matter areas for
5 which they possess approval granted by the board of
6 educational examiners. The rules shall also provide
7 that priority for loans be given to teachers pos-
8 sessing minimal qualifications for teaching science
9 or mathematics.

10 Sec. ____ . NEW SECTION. 261.29 LOANS TO TEACHERS.

11 Loans may be granted only to a person possessing a
12 valid teacher's certificate issued under chapter 260.
13 The annual amount of a loan to a teacher enrolled
14 as a full-time student shall not exceed one thousand
15 dollars for the fiscal year beginning July 1, 1983
16 and one thousand five hundred dollars for each
17 succeeding fiscal year, or the total amount of tuition
18 and fees, whichever is less. The annual amount of
19 a loan to a teacher enrolled on at least a half-time
20 basis shall not exceed five hundred dollars for the
21 fiscal year beginning July 1, 1983 and seven hundred
22 fifty dollars for each succeeding fiscal year, or
23 the total amount of tuition and fees, whichever is
24 less. Loans may be made for courses in programs
25 offered in this state and approved by the board of
26 educational examiners. The board of educational
27 examiners shall adopt rules pursuant to chapter 17A
28 for approval of programs. The rules shall require
29 that the programs provide training in both subject
30 content and teaching methodology for mathematics and
31 science teaching.

32 The commission shall set a final date for submission
33 of applications each year and shall review the
34 applications and inform the recipients within a
35 reasonable time after the deadline.

36 Sec. ____ . NEW SECTION. 261.30 APPROPRIATIONS.

37 There is appropriated from the general fund of the
38 state to the Iowa college aid commission for the
39 fiscal year beginning July 1, 1983 the sum of forty
40 thousand (40,000) dollars, or as much thereof as is
41 necessary, and for each succeeding fiscal year, the
42 sum of one hundred forty thousand (140,000) dollars,
43 or as much thereof as is necessary, to make loans
44 under sections 261.28 and 261.29.

45 Sec. ____ . NEW SECTION. 261.31 REPAYMENT.

46 Repayment of the loan shall begin one year after the
47 teacher completes the educational program for which
48 tuition and fees are received. If a teacher submits
49 evidence to the commission that the teacher was
50 employed as a teacher of one or more science or

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1 mathematics courses or as an elementary teacher
2 teaching science and mathematics in a public school
3 district during that year in this state, fifty percent
4 of the amount of the loan is canceled.

5 At the end of the second year, if the teaching
6 requirements are met, the remainder of the loan is
7 forgiven and payments made by that teacher during
8 the year shall be refunded to the teacher.

9 There is created a science and mathematics loan
10 repayment fund for deposit of payments made by
11 teachers. Refunds of payments by teachers shall be
12 paid by the commission to the teachers from the fund
13 created in this section. Payments made by teachers
14 that are not refunded shall be transferred on each
15 June 30 from the fund created in this section to the
16 general fund of the state.

17 The interest rate collected on the loan shall be
18 equal to the interest rate being collected by an
19 eligible lender under the guaranteed student loan
20 program.

21 The commission shall prescribe by rule the terms
22 of repayment which shall provide for monthly payments
23 of principal and interest of not less than seventy-
24 five dollars.

25 Sec. ____ . NEW SECTION. 257.27 PROGRAMS FOR
26 IMPROVEMENT OF SCIENCE AND MATHEMATICS TEACHING.
27 The department shall provide for the establishment
28 of programs, approved by the board of educational
29 examiners, for teachers to improve skills in teaching
30 in the science and mathematics areas. Each program
31 shall provide assistance to teachers in subject content
32 and teaching methodology for science or mathematics.

33 The programs may be established through an area
34 education agency or public or private institution
35 of higher education in this state.

36 There is appropriated from the general fund of
37 the state to the department of public instruction
38 for the fiscal year beginning July 1, 1983, the sum
39 of forty thousand (40,000) dollars or as much thereof
40 as is necessary, and for the fiscal year beginning
41 July 1, 1984, and each succeeding fiscal year, the
42 sum of one hundred forty thousand (140,000) dollars,
43 or as much thereof as is necessary, to be allocated
44 for the establishment of programs under this section.

45 Sec. ____ . Section 261.2, Code 1983, is amended
46 by adding the following new subsection:

47 NEW SUBSECTION. Administer the supplemental grant
48 program under this chapter.

49 Sec. ____ . NEW SECTION. 261.32 SUPPLEMENTAL GRANT
50 PROGRAM. A person who graduates from a public or

1 private high school in this state after July 1, 1984
 2 who has successfully completed at least seven units
 3 of science and mathematics courses, and at least three
 4 of the seven units include sequential mathematics
 5 courses at the advanced algebra level or higher,
 6 chemistry, advanced chemistry, physics, or advanced
 7 physics courses, and who attends an eligible
 8 institution is eligible for a supplemental grant
 9 provided in this chapter.

10 The department of public instruction shall transmit
 11 to the commission a list of high school graduates
 12 who have successfully completed the courses required
 13 in this section.

14 For the purpose of this section and section 261.33,
 15 an eligible institution is an accredited private
 16 institution as defined in section 261.9, subsection
 17 5, an institution of higher learning under the state
 18 board of regents, or a merged area school established
 19 under chapter 280A.

20 Sec. ____ . NEW SECTION. 261.33 PAYMENT OF GRANTS.

21 A student meeting the requirements of section 261.32
 22 may make application to the commission, on forms
 23 prescribed by the commission, for payment of a
 24 supplemental grant to an eligible institution in which
 25 the student is enrolled on a full-time basis. The
 26 maximum supplemental grant is five hundred dollars
 27 per year. Payment under the grant shall be allocated
 28 equally among the semesters or trimesters and shall
 29 be paid at the beginning of each semester or trimester
 30 upon certification by the eligible institution that
 31 the student is admitted as a full-time student and
 32 in attendance. If the student discontinues attendance
 33 before the end of a semester or trimester after
 34 receiving payment under the grant, the amount of
 35 refund due the student, up to the amount of payment
 36 under the grant, shall be paid by the eligible
 37 institution to the state.

38 An eligible student may receive a supplemental
 39 grant for two semesters of undergraduate study or
 40 the trimester equivalent.

41 The amount of a supplemental grant to a student
 42 shall not be considered when determining financial
 43 need under the Iowa tuition grant and Iowa scholarship
 44 programs.

45 Sec. ____ . NEW SECTION. 261.34 APPROPRIATION.

46 Commencing July 1, 1984, there is appropriated from
 47 the general fund of the state to the commission for
 48 each fiscal year the sum of one million five hundred
 49 thousand (1,500,000) dollars for supplemental grants."

50 8. Page 3, by inserting after line 30 the fol-

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1 lowing:

2 " ____ . Amend the title page, line 2, by striking
 3 the words "and mathematics" and inserting in lieu
 4 thereof the words ", mathematics, and foreign
 5 languages,".

6 9. By numbering sections as necessary.

H-4081

1 Amend the Senate amendment, H-4002, to House File
2 532, as amended, passed, and reprinted by the House,
3 as follows:

4 1. Page 2, by striking lines 16 through 18 and
5 inserting in lieu thereof the following:

6 "There is appropriated from the general fund of
7 the state to the Iowa college aid commission, the
8 sum of thirty thousand (30,000) dollars, or as much
9 thereof as is necessary, for the fiscal year beginning
10 July 1, 1983, and the sum of sixty thousand (60,000)
11 dollars, or as much thereof as is necessary, for the
12 fiscal year beginning July 1, 1984 and each succeeding
13 fiscal year,".

14 2. Page 2, line 21, by striking the word "Annual"
15 and inserting in lieu thereof the words "Maximum
16 annual".

17 3. Page 2, line 32, by striking the word "A" and
18 inserting in lieu thereof the words and figure "For
19 the school year beginning July 1, 1983 and succeeding
20 school years, a".

21 4. By striking page 2, line 46 through page 3,
22 line 2, and inserting in lieu thereof the following:
23 "equivalent basis in foreign language courses at the
24 first-year level and twenty-five dollars times the
25 sum of the number of pupils enrolled for the entire
26 school year on a full-time equivalent basis in
27 sequential mathematics courses at the advanced algebra
28 level and above and in chemistry, advanced chemistry,
29 physics and advanced physics courses."

30 5. Page 3, line 14, by inserting after the word
31 "income." the following: "Moneys received by a school
32 district for pupils enrolled in science and mathematics
33 courses shall be used only for purchase of equipment
34 and supplies."

35 6. Page 3, by striking lines 15 through 22.

36 7. Page 3, by inserting after line 22 the
37 following:

38 "Sec. ____ . Section 261.2, Code 1983, is amended
39 by adding the following new subsection:

40 NEW SUBSECTION. Prepare and administer the Iowa
41 science and mathematics loan program under this
42 chapter.

43 Sec. ____ . NEW SECTION. 261.28 SCIENCE AND
44 MATHEMATICS LOAN PROGRAM. The Iowa science and
45 mathematics loan program is established to be
46 administered by the commission. The purpose of the
47 loan program is to assist teachers to obtain or to
48 upgrade their teaching authorization in the areas
49 of science or mathematics. The commission shall adopt
50 rules under chapter 17A, in consultation with the

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1 board of educational examiners, to administer the
2 program. The rules shall provide that loans not be
3 granted to teachers for the purpose of improving their
4 knowledge of subject content or teaching skills in
5 order to teach courses in subject matter areas for
6 which they possess approval granted by the board of
7 educational examiners. The rules shall also provide
8 that priority for loans be given to teachers pos-
9 sessing minimal qualifications for teaching science
10 or mathematics.

11 Sec. ____ . NEW SECTION. 261.29 LOANS TO TEACHERS.

12 Loans may be granted only to a person possessing a
13 valid teacher's certificate issued under chapter 260.
14 The annual amount of a loan to a teacher enrolled
15 as a full-time student shall not exceed one thousand
16 dollars for the fiscal year beginning July 1, 1983
17 and one thousand five hundred dollars for each
18 succeeding fiscal year, or the total amount of tuition
19 and fees, whichever is less. The annual amount of
20 a loan to a teacher enrolled on at least a half-time
21 basis shall not exceed five hundred dollars for the
22 fiscal year beginning July 1, 1983 and seven hundred
23 fifty dollars for each succeeding fiscal year, or
24 the total amount of tuition and fees, whichever is
25 less. Loans may be made for courses in programs
26 offered in this state and approved by the board of
27 educational examiners. The board of educational
28 examiners shall adopt rules pursuant to chapter 17A
29 for approval of programs. The rules shall require
30 that the programs provide training in both subject
31 content and teaching methodology for mathematics and
32 science teaching.

33 The commission shall set a final date for submission
34 of applications each year and shall review the
35 applications and inform the recipients within a
36 reasonable time after the deadline.

37 Sec. ____ . NEW SECTION. 261.30 APPROPRIATIONS.

38 There is appropriated from the general fund of the
39 state to the Iowa college aid commission for the
40 fiscal year beginning July 1, 1983 the sum of forty
41 thousand (40,000) dollars, or as much thereof as is
42 necessary, and for each succeeding fiscal year, the
43 sum of one hundred forty thousand (140,000) dollars,
44 or as much thereof as is necessary, to make loans
45 under sections 261.28 and 261.29.

46 Sec. ____ . NEW SECTION. 261.31 REPAYMENT.

47 Repayment of the loan shall begin one year after the
48 teacher completes the educational program for which
49 tuition and fees are received. If a teacher submits
50 evidence to the commission that the teacher was

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1 employed as a teacher of one or more science or
2 mathematics courses or as an elementary teacher
3 teaching science and mathematics in a public school
4 district or nonpublic school in this state during
5 that year, fifty percent of the amount of the loan
6 is canceled.

7 At the end of the second year, if the teaching
8 requirements are met, the remainder of the loan is
9 forgiven and payments made by that teacher during
10 the year shall be refunded to the teacher.

11 There is created a science and mathematics loan
12 repayment fund for deposit of payments made by
13 teachers. Refunds of payments by teachers shall be
14 paid by the commission to the teachers from the fund
15 created in this section. Payments made by teachers
16 that are not refunded shall be transferred on each
17 June 30 from the fund created in this section to the
18 general fund of the state.

19 The interest rate collected on the loan shall be
20 equal to the interest rate being collected by an
21 eligible lender under the guaranteed student loan
22 program.

23 The commission shall prescribe by rule the terms
24 of repayment which shall provide for monthly payments
25 of principal and interest of not less than seventy-
26 five dollars.

27 Sec. ____ . NEW SECTION. 257.27 PROGRAMS FOR
28 IMPROVEMENT OF SCIENCE AND MATHEMATICS TEACHING.
29 The department shall provide for the establishment
30 of programs, approved by the board of educational
31 examiners, for teachers to improve skills in teaching
32 in the science and mathematics areas. Each program
33 shall provide assistance to teachers in subject content
34 and teaching methodology for science or mathematics.

35 The programs may be established through an area
36 education agency or public or private institution
37 of higher education in this state.

38 There is appropriated from the general fund of
39 the state to the department of public instruction
40 for the fiscal year beginning July 1, 1983, the sum
41 of forty thousand (40,000) dollars or as much thereof
42 as is necessary, and for the fiscal year beginning
43 July 1, 1984, and each succeeding fiscal year, the
44 sum of one hundred forty thousand (140,000) dollars,
45 or as much thereof as is necessary, to be allocated
46 for the establishment of programs under this section.

47 Sec. ____ . Section 261.2, Code 1983, is amended
48 by adding the following new subsection:

49 NEW SUBSECTION. Administer the supplemental grant
50 program under this chapter.

1 Sec. ____ . NEW SECTION. 261.32 SUPPLEMENTAL GRANT
 2 PROGRAM. A person who graduates from a public or
 3 nonpublic high school in this state after January
 4 1, 1984 who has successfully completed at least seven
 5 units of science and mathematics courses, and at least
 6 three of the seven units include sequential mathematics
 7 courses at the advanced algebra level or higher,
 8 chemistry, advanced chemistry, physics, or advanced
 9 physics courses, and who attends an eligible
 10 institution is eligible for a supplemental grant
 11 provided in this chapter.

12 The department of public instruction shall transmit
 13 to the commission a list of high school graduates
 14 who have successfully completed the courses required
 15 in this section.

16 For the purpose of this section and section 261.33,
 17 an eligible institution is an accredited private
 18 institution as defined in section 261.9, subsection
 19 5, an institution of higher learning under the state
 20 board of regents, or a merged area school established
 21 under chapter 280A.

22 Sec. ____ . NEW SECTION. 261.33 PAYMENT OF GRANTS.
 23 A student meeting the requirements of section 261.32
 24 may make application to the commission, on forms
 25 prescribed by the commission, for payment of a
 26 supplemental grant to an eligible institution in which
 27 the student is enrolled on a full-time basis. The
 28 maximum supplemental grant is five hundred dollars
 29 per year. Payment under the grant shall be allocated
 30 equally among the semesters or trimesters and shall
 31 be paid at the beginning of each semester or trimester
 32 upon certification by the eligible institution that
 33 the student is admitted as a full-time student and
 34 in attendance. If the student discontinues attendance
 35 before the end of a semester or trimester after
 36 receiving payment under the grant, the amount of
 37 refund due the student, up to the amount of payment
 38 under the grant, shall be paid by the eligible
 39 institution to the state.

40 An eligible student may receive a supplemental
 41 grant for two semesters of undergraduate study or
 42 the trimester equivalent.

43 The amount of a supplemental grant to a student
 44 shall not be considered when determining financial
 45 need under the Iowa tuition grant and Iowa scholarship
 46 programs.

47 Sec. ____ . NEW SECTION. 261.34 APPROPRIATION.
 48 Commencing July 1, 1984, there is appropriated from
 49 the general fund of the state to the commission for
 50 each fiscal year the sum of one million five hundred

Page Five

1 thousand (1,500,000) dollars for supplemental grants."

2 8. Page 3, by inserting after line 30 the fol-
3 lowing:

4 " ____ . Amend the title page, line 2, by striking
 5 the words "and mathematics" and inserting in lieu
 6 thereof the words ", mathematics, and foreign
 7 languages,".

8 9. By numbering sections as necessary.

MAY 11, 1983

HOUSE AMENDMENT TO SENATE AMENDMENT TO
HOUSE FILE 532

S-3874

1 Amend the Senate amendment, H-4002, to House File
2 532, as amended, passed, and reprinted by the House,
3 as follows:

4 1. Page 2, by striking lines 16 through 18 and
5 inserting in lieu thereof the following:

6 "There is appropriated from the general fund of
7 the state to the Iowa college aid commission, the
8 sum of thirty thousand (30,000) dollars, or as much
9 thereof as is necessary, for the fiscal year beginning
10 July 1, 1983, and the sum of sixty thousand (60,000)
11 dollars, or as much thereof as is necessary, for the
12 fiscal year beginning July 1, 1984 and each succeeding
13 fiscal year,".

14 2. Page 2, line 21, by striking the word "Annual"
15 and inserting in lieu thereof the words "Maximum
16 annual".

17 3. Page 2, line 32, by striking the word "A" and
18 inserting in lieu thereof the words and figure "For
19 the school year beginning July 1, 1983 and succeeding
20 school years, a".

21 4. By striking page 2, line 46 through page 3,
22 line 2, and inserting in lieu thereof the following:
23 "equivalent basis in foreign language courses at the
24 first-year level and twenty-five dollars times the
25 sum of the number of pupils enrolled for the entire
26 school year on a full-time equivalent basis in
27 sequential mathematics courses at the advanced algebra
28 level and above and in chemistry, advanced chemistry,
29 physics and advanced physics courses."

30 5. Page 3, line 14, by inserting after the word
31 "income." the following: "Moneys received by a school
32 district for pupils enrolled in science and mathematics
33 courses shall be used only for purchase of equipment
34 and supplies."

35 6. Page 3, by striking lines 15 through 22.

36 7. Page 3, by inserting after line 22 the
37 following:

38 "Sec. ____ . Section 261.2, Code 1983, is amended
39 by adding the following new subsection:

40 NEW SUBSECTION. Prepare and administer the Iowa
41 science and mathematics loan program under this
42 chapter.

43 Sec. ____ . NEW SECTION. 261.28 SCIENCE AND
44 MATHEMATICS LOAN PROGRAM. The Iowa science and
45 mathematics loan program is established to be
46 administered by the commission. The purpose of the
47 loan program is to assist teachers to obtain or to
48 upgrade their teaching authorization in the areas
49 of science or mathematics. The commission shall adopt
50 rules under chapter 17A, in consultation with the

1 board of educational examiners, to administer the
2 program. The rules shall provide that loans not be
3 granted to teachers for the purpose of improving their
4 knowledge of subject content or teaching skills in
5 order to teach courses in subject matter areas for
6 which they possess approval granted by the board of
7 educational examiners. The rules shall also provide
8 that priority for loans be given to teachers pos-
9 sessing minimal qualifications for teaching science
10 or mathematics.

11 Sec. ____ . NEW SECTION. 261.29 LOANS TO TEACHERS.
12 Loans may be granted only to a person possessing a
13 valid teacher's certificate issued under chapter 260.
14 The annual amount of a loan to a teacher enrolled
15 as a full-time student shall not exceed one thousand
16 dollars for the fiscal year beginning July 1, 1983
17 and one thousand five hundred dollars for each
18 succeeding fiscal year, or the total amount of tuition
19 and fees, whichever is less. The annual amount of
20 a loan to a teacher enrolled on at least a half-time
21 basis shall not exceed five hundred dollars for the
22 fiscal year beginning July 1, 1983 and seven hundred
23 fifty dollars for each succeeding fiscal year, or
24 the total amount of tuition and fees, whichever is
25 less. Loans may be made for courses in programs
26 offered in this state and approved by the board of
27 educational examiners. The board of educational
28 examiners shall adopt rules pursuant to chapter 17A
29 for approval of programs. The rules shall require
30 that the programs provide training in both subject
31 content and teaching methodology for mathematics and
32 science teaching.

33 The commission shall set a final date for submission
34 of applications each year and shall review the
35 applications and inform the recipients within a
36 reasonable time after the deadline.

37 Sec. ____ . NEW SECTION. 261.30 APPROPRIATIONS.
38 There is appropriated from the general fund of the
39 state to the Iowa college aid commission for the
40 fiscal year beginning July 1, 1983 the sum of forty
41 thousand (40,000) dollars, or as much thereof as is
42 necessary, and for each succeeding fiscal year, the
43 sum of one hundred forty thousand (140,000) dollars,
44 or as much thereof as is necessary, to make loans
45 under sections 261.28 and 261.29.

46 Sec. ____ . NEW SECTION. 261.31 REPAYMENT.
47 Repayment of the loan shall begin one year after the
48 teacher completes the educational program for which
49 tuition and fees are received. If a teacher submits
50 evidence to the commission that the teacher was

1 employed as a teacher of one or more science or
2 mathematics courses or as an elementary teacher
3 teaching science and mathematics in a public school
4 district or nonpublic school in this state during
5 that year, fifty percent of the amount of the loan
6 is canceled.

7 At the end of the second year, if the teaching
8 requirements are met, the remainder of the loan is
9 forgiven and payments made by that teacher during
10 the year shall be refunded to the teacher.

11 There is created a science and mathematics loan
12 repayment fund for deposit of payments made by
13 teachers. Refunds of payments by teachers shall be
14 paid by the commission to the teachers from the fund
15 created in this section. Payments made by teachers
16 that are not refunded shall be transferred on each
17 June 30 from the fund created in this section to the
18 general fund of the state.

19 The interest rate collected on the loan shall be
20 equal to the interest rate being collected by an
21 eligible lender under the guaranteed student loan
22 program.

23 The commission shall prescribe by rule the terms
24 of repayment which shall provide for monthly payments
25 of principal and interest of not less than seventy-
26 five dollars.

27 Sec. ____. NEW SECTION. 257.27 PROGRAMS FOR
28 IMPROVEMENT OF SCIENCE AND MATHEMATICS TEACHING.
29 The department shall provide for the establishment
30 of programs, approved by the board of educational
31 examiners, for teachers to improve skills in teaching
32 in the science and mathematics areas. Each program
33 shall provide assistance to teachers in subject content
34 and teaching methodology for science or mathematics.

35 The programs may be established through an area
36 education agency or public or private institution
37 of higher education in this state.

38 There is appropriated from the general fund of
39 the state to the department of public instruction
40 for the fiscal year beginning July 1, 1983, the sum
41 of forty thousand (40,000) dollars or as much thereof
42 as is necessary, and for the fiscal year beginning
43 July 1, 1984, and each succeeding fiscal year, the
44 sum of one hundred forty thousand (140,000) dollars,
45 or as much thereof as is necessary, to be allocated
46 for the establishment of programs under this section.

47 Sec. ____. Section 261.2, Code 1983, is amended
48 by adding the following new subsection:

49 NEW SUBSECTION. Administer the supplemental grant
50 program under this chapter.

1 Sec. ____ . NEW SECTION. 261.32 SUPPLEMENTAL GRANT
2 PROGRAM. A person who graduates from a public or
3 nonpublic high school in this state after January
4 1, 1984 who has successfully completed at least seven
5 units of science and mathematics courses, and at least
6 three of the seven units include sequential mathematics
7 courses at the advanced algebra level or higher,
8 chemistry, advanced chemistry, physics, or advanced
9 physics courses, and who attends an eligible
10 institution is eligible for a supplemental grant
11 provided in this chapter.

12 The department of public instruction shall transmit
13 to the commission a list of high school graduates
14 who have successfully completed the courses required
15 in this section.

16 For the purpose of this section and section 261.33,
17 an eligible institution is an accredited private
18 institution as defined in section 261.9, subsection
19 5, an institution of higher learning under the state
20 board of regents, or a merged area school established
21 under chapter 280A.

22 Sec. ____ . NEW SECTION. 261.33 PAYMENT OF GRANTS.
23 A student meeting the requirements of section 261.32
24 may make application to the commission, on forms
25 prescribed by the commission, for payment of a
26 supplemental grant to an eligible institution in which
27 the student is enrolled on a full-time basis. The
28 maximum supplemental grant is five hundred dollars
29 per year. Payment under the grant shall be allocated
30 equally among the semesters or trimesters and shall
31 be paid at the beginning of each semester or trimester
32 upon certification by the eligible institution that
33 the student is admitted as a full-time student and
34 in attendance. If the student discontinues attendance
35 before the end of a semester or trimester after
36 receiving payment under the grant, the amount of
37 refund due the student, up to the amount of payment
38 under the grant, shall be paid by the eligible
39 institution to the state.

40 An eligible student may receive a supplemental
41 grant for two semesters or undergraduate study or
42 the trimester equivalent.

43 The amount of a supplemental grant to a student
44 shall not be considered when determining financial
45 need under the Iowa tuition grant and Iowa scholarship
46 programs.

47 Sec. ____ . NEW SECTION. 261.34 APPROPRIATION.
48 Commencing July 1, 1984, there is appropriated from
49 the general fund of the state to the commission for
50 each fiscal year the sum of one million five hundred

PAGE 5

1 thousand (1,500,000) dollars for supplemental grants."

2 8. Page 3, by inserting after line 30 the fol-
3 lowing:

4 "____. Amend the title page, line 2, by striking
5 the words "and mathematics" and inserting in lieu
6 thereof the words ", mathematics, and foreign
7 languages,".

8 9. By numbering sections as necessary.

HOUSE FILE 532

AN ACT

TO PROVIDE FOR THE ESTABLISHMENT OF PROGRAMS RELATING TO SCIENCE, MATHEMATICS, AND FOREIGN LANGUAGES, AND TO MAKE AN APPROPRIATION.

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

Section 1. NEW SECTION. 257.31 SOFTWARE CLEARINGHOUSE.

1. The state board of public instruction under its authority granted in section 257.10, subsection 14, shall establish a computer software clearinghouse for instructional purposes to perform the following services for school districts, area education agencies, and merged area schools in this state:

- a. Acquire computer programs based upon curricular needs of educational agencies.
- b. Evaluate computer programs as to their appropriateness to educational programs used in this state.
- c. Catalog and organize computer programs.
- d. Reproduce and distribute computer programs.
- e. Provide for the development of appropriate educational materials to accompany the computer programs.

2. The state board shall establish a committee to coordinate the activities of the clearinghouse. The members of the committee shall meet as often as necessary to accomplish their duties and shall receive reimbursement for travel and necessary expenses from funds appropriated in this section.

The committee may negotiate agreements with public and private agencies in order to perform the services listed in subsection 1 and may charge users of the services listed in subsection 1 reproduction costs and other costs associated with the services.

3. There is appropriated from the general fund of the state to the department of public instruction, for the fiscal year beginning July 1, 1984 and each fiscal year thereafter, the sum of two hundred fifty thousand (250,000) dollars, or so much thereof as is necessary, to fund the computer software clearinghouse.

Sec. 2. NEW SECTION. 261.5 GUARANTEED LOAN PAYMENT PROGRAM. There is established a guaranteed student loan payment program to be administered by the commission. An individual who meets all of the following conditions is eligible for reimbursement payments under the program if the individual:

1. Is a teacher employed on a full-time basis under sections 279.13 through 279.19 in a school district in this state or is a teacher in an approved nonpublic school in this state.

2. Has an outstanding debt with an eligible lender under the Iowa guaranteed student loan program as of the beginning of a school year.

3. Has never defaulted on a loan guaranteed by the commission or by the federal government.

4. Teaches one or more of the following during that school year:

a. A sequential mathematics course at the advanced algebra level or higher.

b. A chemistry, advanced chemistry, physics or advanced physics course.

5. Graduated from college after January 1, 1983 with a major in mathematics or science.

The commission shall adopt rules under Chapter 17A to provide for the administration of this program.

There is appropriated from the general fund of the state to the Iowa college aid commission, the sum of thirty thousand (\$30,000) dollars, or as much thereof as is necessary, for the fiscal year beginning July 1, 1983, and the sum of sixty thousand (\$60,000) dollars, or as much thereof as is necessary, for the fiscal year beginning July 1, 1984 and each succeeding fiscal year, to make the reimbursement payments required under this section.

Maximum annual reimbursement payments to an eligible teacher for loan repayments made during a school year shall be equal to one thousand dollars or the remainder of a loan, whichever is less. Total payments for an eligible teacher shall not exceed six thousand dollars. If a teacher fails to complete a year of instruction in a course listed in subsection 4, the teacher shall not be reimbursed for loan repayments made during that school year.

Sec. 3. Section 442.39, Code 1983, is amended by adding the following new subsection:

NEW SUBSECTION. 3A. For the school year beginning July 1, 1983 and succeeding school years, a school district

receiving additional funds under subsection 2 for its pupils at the ninth grade level and above that are enrolled in sequential mathematics courses at the advanced algebra level and above; chemistry, advanced chemistry, physics or advanced physics courses; or foreign language courses at the second year level and above shall have an additional weighting of one pupil added to its total.

Sec. 4. NEW SECTION. 442.44 APPROPRIATION FOR SPECIAL COURSES. The state comptroller shall pay to each school district in this state an amount equal to fifty dollars times the sum of the number of pupils enrolled for the entire school year on a full-time equivalent basis in foreign language courses at the first-year level and twenty-five dollars times the sum of the number of pupils enrolled for the entire school year on a full-time equivalent basis in sequential mathematics courses at the advanced algebra level and above and in chemistry, advanced chemistry, physics and advanced physics courses.

Payment for a budget year shall be determined on the basis of the full-time equivalent enrollment in the courses for the base year.

The department of public instruction shall adopt rules under chapter 17A to carry out this section.

For the school year beginning July 1, 1984 and each succeeding school year, there is appropriated from the general fund of the state to the state comptroller an amount sufficient to make the payments to school districts required by this section. Moneys received by a school district under this section are miscellaneous income. Moneys received by a school district for pupils enrolled in science and mathematics courses shall be used only for purchase of equipment and supplies.

Sec. 5. Section 261.2, Code 1983, is amended by adding the following new subsection:

NEW SUBSECTION. Prepare and administer the Iowa science and mathematics loan program under this chapter.

Sec. 6. NEW SECTION. 261.28 SCIENCE AND MATHEMATICS LOAN PROGRAM. The Iowa science and mathematics loan program is established to be administered by the commission. The purpose of the loan program is to assist teachers to obtain or to upgrade their teaching authorization in the areas of science or mathematics. The commission shall adopt rules under chapter 17A, in consultation with the board of educational examiners, to administer the program. The rules shall provide that loans not be granted to teachers for the purpose of improving their knowledge of subject content or teaching skills in order to teach courses in subject matter areas for which they possess approval granted by the board of educational examiners. The rules shall also provide that priority for loans be given to teachers possessing minimal qualifications for teaching science or mathematics.

Sec. 7. NEW SECTION. 261.29 LOANS TO TEACHERS. Loans may be granted only to a person possessing a valid teacher's certificate issued under chapter 260. The annual amount of a loan to a teacher enrolled as a full-time student shall not exceed one thousand dollars for the fiscal year beginning July 1, 1983 and one thousand five hundred dollars for each succeeding fiscal year, or the total amount of tuition and fees, whichever is less. The annual amount of a loan to a teacher enrolled on at least a half-time basis shall not exceed five hundred dollars for the fiscal year beginning July 1, 1983 and seven hundred fifty dollars for each succeeding fiscal year, or the total amount of tuition and fees, whichever is less. Loans may be made for courses in programs offered in this state and approved by the board of educational examiners. The board of educational examiners shall adopt rules pursuant to chapter 17A for approval of programs. The rules shall require that the programs provide training in both subject content and teaching methodology for mathematics and science teaching.

The commission shall set a final date for submission of applications each year and shall review the applications and inform the recipients within a reasonable time after the deadline.

Sec. 8. NEW SECTION. 261.30 APPROPRIATIONS. There is appropriated from the general fund of the state to the Iowa college aid commission for the fiscal year beginning July 1, 1983 the sum of forty thousand (40,000) dollars, or as much thereof as is necessary, and for each succeeding fiscal year, the sum of one hundred forty thousand (140,000) dollars, or as much thereof as is necessary, to make loans under sections 261.28 and 261.29.

Sec. 9. NEW SECTION. 261.31 REPAYMENT. Repayment of the loan shall begin one year after the teacher completes the educational program for which tuition and fees are received. If a teacher submits evidence to the commission that the teacher was employed as a teacher of one or more science or mathematics courses or as an elementary teacher teaching science and mathematics in a public school district or nonpublic school in this state during that year, fifty percent of the amount of the loan is canceled.

At the end of the second year, if the teaching requirements are met, the remainder of the loan is forgiven and payments made by that teacher during the year shall be refunded to the teacher.

There is created a science and mathematics loan repayment fund for deposit of payments made by teachers. Refunds of payments by teachers shall be paid by the commission to the teachers from the fund created in this section. Payments made by teachers that are not refunded shall be transferred on each June 30 from the fund created in this section to the general fund of the state.

The interest rate collected on the loan shall be equal to the interest rate being collected by an eligible lender under the guaranteed student loan program.

The commission shall prescribe by rule the terms of repayment which shall provide for monthly payments of principal and interest of not less than seventy-five dollars.

Sec. 10. NEW SECTION. 257.27 PROGRAMS FOR IMPROVEMENT OF SCIENCE AND MATHEMATICS TEACHING. The department shall provide for the establishment of programs, approved by the board of educational examiners, for teachers to improve skills in teaching in the science and mathematics areas. Each program shall provide assistance to teachers in subject content and teaching methodology for science or mathematics.

The programs may be established through an area education agency or public or private institution of higher education in this state.

There is appropriated from the general fund of the state to the department of public instruction for the fiscal year beginning July 1, 1983, the sum of forty thousand (40,000) dollars or as much thereof as is necessary, and for the fiscal year beginning July 1, 1984, and each succeeding fiscal year, the sum of one hundred forty thousand (140,000) dollars, or as much thereof as is necessary, to be allocated for the establishment of programs under this section.

Sec. 11. Section 261.2, Code 1983, is amended by adding the following new subsection:

NEW SUBSECTION. Administer the supplemental grant program under this chapter.

Sec. 12. NEW SECTION. 261.32 SUPPLEMENTAL GRANT PROGRAM. A person who graduates from a public or nonpublic high school in this state after January 1, 1984 who has successfully completed at least seven units of science and mathematics courses, and at least three of the seven units include sequential mathematics courses at the advanced algebra level or higher, chemistry, advanced chemistry, physics, or advanced physics courses, and who attends an eligible institution is eligible for a supplemental grant provided in this chapter.

The department of public instruction shall transmit to

the commission a list of high school graduates who have successfully completed the courses required in this section.

For the purpose of this section and section 261.33, an eligible institution is an accredited private institution as defined in section 261.9, subsection 5; an institution of higher learning under the state board of regents, or a merged area school established under chapter 280A.

Sec. 13. NEW SECTION. 261.33 PAYMENT OF GRANTS. A student meeting the requirements of section 261.32 may make application to the commission, on forms prescribed by the commission, for payment of a supplemental grant to an eligible institution in which the student is enrolled on a full-time basis. The maximum supplemental grant is five hundred dollars per year. Payment under the grant shall be allocated equally among the semesters or trimesters and shall be paid at the beginning of each semester or trimester upon certification by the eligible institution that the student is admitted as a full-time student and in attendance. If the student discontinues attendance before the end of a semester or trimester after receiving payment under the grant, the amount of refund due the student, up to the amount of payment under the grant, shall be paid by the eligible institution to the state.

An eligible student may receive a supplemental grant for two semesters of undergraduate study or the trimester equivalent.

The amount of a supplemental grant to a student shall not be considered when determining financial need under the Iowa tuition grant and Iowa scholarship programs.

Sec. 14. NEW SECTION. 261.34 APPROPRIATION. Commencing July 1, 1984, there is appropriated from the general fund of the state to the commission for each fiscal year the sum of one million five hundred thousand (1,500,000) dollars for supplemental grants.

Sec. 15. This Act, being deemed of immediate importance, takes effect from and after its publication in the Waterloo Courier, a newspaper published in Waterloo, Iowa, and in the LeMars Daily Sentinel, a newspaper published in LeMars, Iowa.

DONALD D. AVENSON
Speaker of the House

ROBERT T. ANDERSON
President of the Senate

I hereby certify that this bill originated in the House and is known as House File 532, Seventieth General Assembly.

JOSEPH O'HERN
Chief Clerk of the House

Approved _____, 1983

TERRY E. BRANSTAD
Governor