

AMENDED IN ASSEMBLY MAY 22, 1998
AMENDED IN ASSEMBLY APRIL 16, 1998

CALIFORNIA LEGISLATURE—1997–98 REGULAR SESSION

ASSEMBLY BILL

No. 2442

Introduced by Assembly Member Mazzoni
(Coauthors: Assembly Members Havice and Scott)

February 20, 1998

An act to add Chapter 3.25 (commencing with Section 44695) to Part 25 of the Education Code, relating to mathematics instruction.

LEGISLATIVE COUNSEL'S DIGEST

AB 2442, as amended, Mazzoni. Mathematics instruction: ~~Standard-based~~ *Standards-based* Mathematics Staff Development Act of 1998.

Existing law includes mathematics among the prescribed courses of study for grades 1 to 6, inclusive, and for grades 7 to 12, inclusive.

This bill would enact the Standards-based Mathematics Staff Development Act of 1998. The bill would require the State Department of Education to administer a program of grants to school districts and county offices of education for fees and material costs for mathematics teachers of pupils in grades 4 to 12, inclusive, to take mathematics courses at accredited institutions of higher education. The bill would prescribe the eligibility criteria for applicant school districts.

This bill would declare that any appropriations made for the purposes of this bill are to be included in the amount appropriated to meet the state’s minimum funding obligation to school districts and community colleges under Section 8 of Article XVI of the California Constitution for the fiscal year in which the appropriation is made.

Vote: majority. Appropriation: no. Fiscal committee: yes. State-mandated local program: no.

The people of the State of California do enact as follows:

1 SECTION 1. This act shall be known and may be cited
2 as the “Standards-based Mathematics Staff Development
3 Act of 1998.”

4 SEC. 2. The Legislature finds and declares all of the
5 following:

6 (a) In December 1997, the State Board of Education
7 adopted content standards for mathematics instruction in
8 the California public schools.

9 (b) In order that students may attain the highest levels
10 of mathematical skills and understanding, it is essential
11 that teachers in the public schools be knowledgeable
12 about the new standards and have a thorough, in-depth
13 understanding of the underlying mathematics.

14 (c) Many teachers in the public schools lack the
15 in-depth understanding of mathematics that is necessary
16 for effective teaching at the level of the new standards,
17 and this is particularly true for high school mathematics.

18 (d) A mathematics staff development program is
19 therefore essential for implementation of the new,
20 rigorous mathematics standards in the California public
21 schools.

22 SEC. 3. Chapter 3.25 (commencing with Section
23 44695) is added to Part 25 of the Education Code, to read:

24

25 CHAPTER 3.25. MATHEMATICS STAFF DEVELOPMENT

26

27 Article 1. Coursework in Mathematics for Teachers of
28 ~~mathematics for pupils in Grades 4 through 12~~



1 *Mathematics for Pupils in Grades 4 to 12, Inclusive*

2
3 44695. The State Department of Education shall
4 administer a program of staff development grants to
5 reimburse school districts and county offices of education
6 for fees and materials costs for teachers to take
7 mathematics courses offered by the mathematics
8 departments at accredited institutions of higher
9 education in California. The purpose of the staff
10 development coursework is to increase the content
11 knowledge of teachers who teach mathematics to pupils
12 in grades 4 to 12, inclusive, in order to increase the
13 teacher's capability to impart knowledge of mathematics
14 content consistent with the rigorous content standards
15 adopted by the State Board of Education in the subject of
16 mathematics. The department shall do all of the
17 following:

18 (a) Develop criteria, guidelines, and procedures as
19 necessary and submit these to the State Board of
20 Education for amendments, if any, and approval.

21 (b) Identify school districts that meet eligibility
22 requirements for grant awards.

23 (c) Calculate an allotment for eligible school districts
24 pursuant to Section 44695.5.

25 44695.3. A school district shall do all of the following
26 to be eligible for receiving grants pursuant to this article:

27 (a) Meet either of the following criteria:

28 (1) Employ teachers who are assigned to teach
29 mathematics outside the authorization of their
30 credential.

31 (2) Employ teachers who hold a credential for
32 teaching in a self-contained classroom, who are assigned
33 to teach pupils in any of grades 4 to 6, inclusive, and who
34 have not completed more than three college-level
35 courses in mathematics.

36 (b) Inform all district teachers who teach
37 mathematics to pupils in grades 4 to 12, inclusive, of the
38 availability of payments for fees and materials in courses
39 in mathematics.

1 (c) From the funds allotted to the school district
2 pursuant to Section 44695.5, pay for the fees and materials
3 costs of teachers based on their need for mathematics
4 training. Highest priority shall be given to teachers with
5 the least college-level ~~mathematics training taking into~~
6 ~~consideration the needs~~ *mathematics training.*
7 *Consideration shall be given to the needs* of a school in
8 extending its course offerings.

9 (d) Ensure that each teacher who receives the staff
10 development training in mathematics, as authorized in
11 this chapter, meets all of the following conditions:

12 (1) Has designed a professional development plan that
13 specifies the sequence of courses that the teacher will
14 take in order to fulfill the course requirements for a
15 mathematics minor, major, or advanced degree, as
16 appropriate.

17 (2) Obtains a grade of C or better in the course.

18 (3) For a teacher described in paragraph (2) of
19 subdivision (a), the teacher has a professional
20 development plan that specifies the course or sequence
21 of courses that the teacher will need to complete in order
22 for the teacher to have the appropriate knowledge of
23 mathematics necessary to teach the subject.

24 (e) Apply to the State Department of Education for a
25 staff development grant pursuant to this chapter and
26 certify the number of teachers employed by the district
27 meeting the criteria in subdivision (a).

28 44695.5. The State Department of Education shall
29 calculate an allotment of funding that each school district
30 is eligible to receive in reimbursement of fees and
31 materials costs of coursework completed by teachers for
32 the purpose of increasing mathematics teachers' content
33 knowledge in the subject of mathematics. The amount of
34 the funding that each district is eligible to receive shall be
35 equal to the amount of funding provided for the purpose
36 of this chapter in the 1997-98 school year, divided by the
37 number of teachers reported in subdivision (e) of Section
38 44695.3 for the school year in which the application is
39 made.



1 44695.7. Funds received pursuant to this article may
2 be expended only for fees and required course materials
3 for courses in mathematics offered by the department of
4 mathematics at an accredited institution of higher
5 education in California.

6 44695.9. A teacher may be eligible to receive payment
7 for fees and materials costs of more than one course
8 during a fiscal year, provided that the priorities
9 established pursuant to subdivision (c) of Section 44695.3
10 are being addressed and the courses taken are consistent
11 with the teacher's professional development plan
12 developed pursuant to ~~paragraphs~~ *paragraph* (1) or (3)
13 of subdivision (d) of Section 44695.3.

14 44696. For the purposes of this chapter, "school
15 district" includes a county office of education.

16 44697. Any funds appropriated for the purposes of this
17 chapter in the 1997-98 Regular Session shall be available
18 for expenditure for three years.

19 SEC. 4. For the purpose of making the computations
20 required by Section 8 of Article XVI of the California
21 Constitution, any appropriation made for the purposes of
22 this act shall be deemed to be "General Fund revenues
23 appropriated to school districts," as defined in subdivision
24 (c) of Section 41202, for the fiscal year for which the
25 appropriation is made, and included within the "total
26 allocations to school districts and community college
27 districts from General Fund proceeds of taxes
28 appropriated pursuant to Article XIII B" as defined in
29 subdivision (e) of Section 41202, for the fiscal year for
30 which the appropriation is made.

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