

AMENDED IN ASSEMBLY MAY 6, 1997
AMENDED IN ASSEMBLY APRIL 15, 1997

CALIFORNIA LEGISLATURE—1997–98 REGULAR SESSION

ASSEMBLY BILL

No. 496

Introduced by Assembly Member Lempert

February 24, 1997

An act to amend Sections 44256, 69613, 69615.6, and 69616 of, and to add Article 13 (commencing with Section 44400) to Chapter 2 of Part 25 of, the Education Code, relating to certificated school employees, and making an appropriation therefor.

LEGISLATIVE COUNSEL'S DIGEST

AB 496, as amended, Lempert. California Mathematics *Initiative for Teaching-Challenge*.

(1) Existing law requires the Commission on Teacher Credentialing to establish professional standards, assessments, and examinations for entry and advancement in the education profession. Existing law authorizes the governing board of any school district to establish a staff development project to improve teachers' instructional skills, as specified. Existing law also authorizes school districts to develop school development plans that include staff development activities directly related to the annual school improvement objectives, as specified, and, among other things, to assist personnel to improve instructional practices in each subject and strengthen knowledge of subject matter. Existing law, the

Classroom Teacher Instructional Improvement Program, authorizes the governing board of a school district to apply to the Superintendent of Public Instruction for funds to provide grants to teachers or groups of teachers to improve the quality of instruction in those areas with the greatest need. Existing law, the Teacher Reading Instruction Development Program, requires a school district, in order to be eligible for funds under the program, to certify to the State Department of Education that not less than 90% of its certificated employees who provide direct instructional services to pupils enrolled in kindergarten or any of grades 1 to 3, inclusive, have received inservice training in reading instruction that addresses specified issues.

This bill would establish the California Mathematics *Initiative for Teaching Challenge* for the purpose of increasing the number of teachers who are competent to teach mathematics in schools. The Commission on Teacher Credentialing would administer the California Mathematics *Initiative for Teaching Challenge* and award grants to school districts and county superintendents of schools. The bill would require the Commission on Teacher Credentialing to establish standards for supplementary authorizations in mathematics and to develop criteria under which school districts and county superintendents of schools would distribute financial assistance to teachers and prospective teachers to assist them to meet teaching credential standards. Participating teachers and prospective teachers, except those who participate in the Assumption Program of Loans for Education, would be required to teach mathematics for 2 years in a public school for each year they received financial assistance. The bill would also require the Commission on Teacher Credentialing to sponsor a pilot study on differential levels of compensation for teachers of mathematics in as many as 8 ~~local educational agencies~~ *school districts or county offices of education*.

(2) Existing law provides that the holder of a single subject teaching credential, a standard secondary credential, or a special secondary teaching credential who has completed a specified amount of coursework in any subject commonly taught in grades 7 to 12, inclusive, other than the subject for



which he or she is already certificated to teach, is eligible to have this subject appear on the credential as an authorization to teach this subject. Existing law provides that the holder of a multiple subject teaching credential or a standard elementary credential who has completed a specified amount of coursework in any subject commonly taught in grades 9 and below is eligible to have that subject appear on the credential as authorization to teach the subject in departmentalized classes in grades 9 and below.

This bill would require the Commission on Teacher Credentialing to recognize, for partial fulfillment of this requirement, completion of a highly intensive program of professional development in mathematics, including, but not limited to, the California Mathematics Project, provided that the program satisfies the applicable standards of the commission for a supplementary authorization in mathematics.

(3) Existing law, the Assumption Program of Loans for Education, authorizes the Student Aid Commission to issue up to 500 conditional warrants for loan assumption ~~for~~ to applicants who, among other things, agree to teach in a public school in the state for at least 3 consecutive academic years after obtaining a teaching credential. Sixty percent of the warrants are required to be awarded to applicants who agree to obtain a teaching credential in subject areas that are designated as current ~~of~~ or projected shortage areas by the Superintendent of Public Instruction. Forty percent of the warrants are required to be awarded to applicants who agree to obtain teaching credentials in any subject area and to provide classroom instruction in schools that serve large populations of pupils from low-income families.

This bill would increase the number of warrants to a maximum of 600 and require 33% of all warrants to be awarded to prospective teachers of mathematics. The bill would state the intent of the Legislature that, commencing with the 1999–2000 fiscal year and each fiscal year thereafter, funding necessary for augmentation be included within the annual budget of the Student Aid Commission in an amount necessary to meet the student loan obligations incurred by the commission. The bill would specify that, for the purpose of



making the computations required by Section 8 of Article XVI of the California Constitution, the appropriations made for the purposes of this augmentation; would be deemed to be "General Fund revenues appropriated to school districts," as defined, and included within the "total allocations to school districts and community college districts from the General Fund proceeds of taxes appropriated pursuant to Article XIII B," as defined, for the fiscal year in which the appropriation is made.

(4) This bill would continuously appropriate \$1,500,000, commencing in the 1997-98 fiscal year, to the Commission on Teacher Credentialing without regard to fiscal year for the purposes of the California Mathematics *Initiative for Teaching-Challenge*.

This bill would specify that, for the purpose of making the computations required by Section 8 of Article XVI of the California Constitution, ~~the~~ *these* funds appropriated by the bill would be deemed to be "General Fund revenues appropriated to school districts," as defined, and included with the "total allocations to school districts and community college districts from General Fund proceeds of taxes appropriated pursuant to Article XIII B," as defined, for the 1997-98 fiscal year.

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

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

1 SECTION 1. The Legislature finds and declares that
2 mathematics instruction is a critical purpose and function
3 of public elementary and secondary education in
4 California. All public school pupils must become
5 proficient in mathematics to be productive and
6 competitive in an increasingly technical work force and
7 technological economy. To achieve this essential goal, the
8 Legislature has established minimum requirements in
9 mathematics for high school graduation, the Commission
10 for Establishment of Academic Content and
11 Performance Standards has been directed to recommend
12 to the State Board of Education academically rigorous



1 content standards in mathematics for each public
2 elementary and secondary school grade level, and the
3 State Board of Education soon will adopt a revised
4 mathematics curriculum framework for public
5 elementary and secondary schools. The Legislature finds,
6 however, that the shortage of qualified teachers of
7 mathematics is so severe that efforts to improve
8 mathematics instruction are not likely to be effective.
9 Recent analyses by the Commission on Teacher
10 Credentialing show a need for more than 3,500 teachers
11 who meet current standards for mathematics teaching.
12 This need for greater numbers of qualified teachers of
13 mathematics is so widespread that the mathematics
14 education of millions of pupils is in jeopardy. The
15 Legislature intends to address this crisis in the teaching
16 of mathematics by establishing new incentives for
17 increased numbers of teachers to become competent in
18 teaching mathematics for the purpose of providing better
19 opportunities for elementary and secondary school pupils
20 to become proficient in mathematics as they prepare
21 themselves for employment and citizenship in the 21st
22 century.

23 SEC. 2. Section 44256 of the Education Code is
24 amended to read:

25 44256. Authorization for teaching credentials shall be
26 of four basic kinds, as defined below:

27 (a) "Single subject instruction" means the practice of
28 assignment of teachers and students to specified subject
29 matter courses, as is commonly practiced in California
30 high schools and most California junior high schools. The
31 holder of a single subject teaching credential or a
32 standard secondary credential or a special secondary
33 teaching credential, as defined in this subdivision, who
34 has completed 20 semester hours of coursework or 10
35 semester hours of upper division or graduate coursework
36 approved by the commission at an accredited institution
37 in any subject commonly taught in grades 7 to 12,
38 inclusive, other than the subject for which he or she is
39 already certificated to teach, shall be eligible to have this
40 subject appear on the credential as an authorization to



1 teach this subject. The commission shall recognize, for
2 partial fulfillment of this requirement, completion of a
3 highly intensive program of professional development in
4 mathematics, including, but not limited to, the California
5 Mathematics Project, created pursuant to Chapter 196 of
6 the Statutes of 1982, provided that the program satisfies
7 the applicable standards of the commission for a
8 supplementary authorization in mathematics. The
9 commission, by regulation, may require that evidence of
10 additional competence is a condition for instruction in
11 particular subjects, including, but not limited to, foreign
12 languages. The commission may establish and implement
13 alternative requirements for additional authorizations to
14 the single subject credential on the basis of specialized
15 needs. For purposes of this subdivision, a special
16 secondary teaching credential means a special secondary
17 teaching credential issued on the basis of at least a
18 baccalaureate degree, a student teaching requirement,
19 and 24 semester units of coursework in the subject
20 specialty of the credential.

21 (b) “Multiple subject instruction” means the practice
22 of assignment of teachers and students for multiple
23 subject matter instruction, as is commonly practiced in
24 California elementary schools and as is commonly
25 practiced in early childhood education.

26 The holder of a multiple subject teaching credential or
27 a standard elementary credential who has completed 20
28 semester hours of coursework or 10 semester hours of
29 upper division or graduate coursework approved by the
30 commission at an accredited institution in any subject
31 commonly taught in grades 9 and below shall be eligible
32 to have that subject appear on the credential as
33 authorization to teach the subject in departmentalized
34 classes in grades 9 and below. The commission shall
35 recognize, for partial fulfillment of this requirement,
36 completion of a highly intensive program of professional
37 development in mathematics, including, but not limited
38 to, the California Mathematics Project, created pursuant
39 to Chapter 196 of the Statutes of 1982, provided that the
40 program satisfies the applicable standards of the



1 commission for a supplementary authorization in
2 mathematics. The governing board of a school district by
3 resolution may authorize the holder of a multiple subject
4 teaching credential or a standard elementary credential
5 to teach any subject in departmentalized classes to a
6 given class or group of students below grade 9, provided
7 that the teacher has completed at least 12 semester units,
8 or six upper division or graduate units, of coursework at
9 an accredited institution in each subject to be taught. The
10 authorization shall be with the teacher's consent.
11 However, the commission, by regulation, may provide
12 that evidence of additional competence is necessary for
13 instruction in particular subjects, including, but not
14 limited to, foreign languages. The commission may
15 establish and implement alternative requirements for
16 additional authorizations to the multiple subject
17 credential on the basis of specialized needs.

18 (c) "Specialist instruction" means any specialty
19 requiring advanced preparation or special competence
20 including, but not limited to, reading specialist,
21 mathematics specialist, specialist in special education, or
22 early childhood education, and other specialties that the
23 commission may determine.

24 (d) "Designated subjects" means the practice of
25 assignment of teachers and students to designated
26 technical, trade, or vocational courses which courses may
27 be part of a program of trade, technical, or vocational
28 education.

29 SEC. 3. Article 13 (commencing with Section 44400)
30 is added to Chapter 2 of Part 25 of the Education Code,
31 to read:

32

33 Article 13. California Mathematics ~~Teaching~~
34 ~~Challenge~~ *Initiative for Teaching*

35

36 44400. The California Mathematics ~~Teaching~~
37 ~~Challenge~~ *Initiative for Teaching* is hereby established
38 for the purpose of increasing the number of teachers who
39 are competent to teach mathematics in public
40 elementary and secondary schools in this state. The



1 California Mathematics ~~Teaching Challenge~~ *Initiative for*
2 *Teaching* includes the following specific purposes and
3 objectives:

4 (a) Provide resources so that as many as 3,500 teachers
5 and prospective teachers become qualified to teach
6 mathematics by pursuing a variety of alternative routes
7 pursuant to this code.

8 (b) Highlight the severe shortage of qualified teachers
9 of mathematics and the detrimental effects of this
10 shortage, and focus attention on the increased availability
11 of those teachers as a result of this initiative.

12 (c) Coordinate and lead efforts to provide career
13 orientation information and experiences to prospective
14 mathematics teachers who are high school pupils,
15 undergraduate students, graduate students, college
16 graduates, scientists, engineers, accountants, and
17 members of the business and aerospace industries.

18 (d) Rely as much as possible on existing programs,
19 structures, and systems to identify potential teachers of
20 mathematics and to provide for their training and
21 preparation in mathematics and mathematics teaching.

22 (e) Facilitate the effective utilization of qualified
23 teachers of mathematics in the elementary and
24 secondary schools, and reduce the numbers of
25 mathematics teaching positions that are filled by the use
26 of emergency permits and credential waivers in
27 mathematics.

28 44401. (a) The California Mathematics ~~Teaching~~
29 ~~Challenge~~ *Initiative for Teaching* shall be administered
30 by the Commission on Teacher Credentialing in
31 accordance with this article and other applicable laws and
32 regulations. Based on the availability of funds and the
33 relative quality of local proposals, the commission shall
34 determine the numbers of proposals to fund pursuant to
35 subdivision (b).

36 (b) In awarding grants pursuant to this article, the
37 commission shall develop funding criteria and award
38 funds to school districts and county superintendents of
39 schools to accomplish each of the following:



1 (1) Enable current credentialed teachers to meet the
2 mathematics teaching credential standards that are in
3 effect pursuant to Section 44282 or 44310.

4 (2) Enable prospective teachers to meet the
5 mathematics teaching credential standards pursuant to
6 Section 44259, 44282, 44310, 44321, or 44325.

7 (3) Enable current and prospective teachers to meet
8 the supplementary authorization requirements in
9 mathematics pursuant to Section 44256.

10 (4) Enable prospective elementary school teachers to
11 complete a concentration in mathematics and
12 mathematics-related field experience that fulfills the
13 standards established by the commission pursuant to
14 Section 44314.

15 (c) The commission shall establish standards for
16 supplementary authorizations in mathematics. The
17 commission shall recognize, for the purpose of awarding
18 supplementary authorizations in mathematics,
19 completion of a highly intensive program of professional
20 development in mathematics, including, but not limited
21 to, the California Mathematics Project created pursuant
22 to Chapter 196 of the Statutes of 1982, provided that the
23 program satisfies the applicable standards of the
24 commission.

25 (d) The commission shall develop criteria for the
26 distribution of financial assistance by school districts and
27 county superintendents of schools to teachers and
28 prospective teachers to meet the applicable mathematics
29 teaching credential standards.

30 (e) The recipients of grants shall monitor the progress
31 of each participating credentialed teacher or prospective
32 teacher toward meeting the standards for teaching
33 mathematics and shall submit a report to the commission
34 on the progress of each participant in accordance with
35 procedures established by the commission.

36 (f) With the exception of prospective teachers who
37 participate in the Assumption Program of Loans for
38 Education pursuant to Article 5 (commencing with
39 Section 69612) of Chapter 2 of Part 42, each teacher and
40 prospective teacher who participates in the California



1 Mathematics ~~Teaching—Challenge~~ *Initiative for Teaching*
 2 shall teach mathematics for two years in a public
 3 elementary or secondary school for each year of financial
 4 assistance provided pursuant to this article. Teachers who
 5 do not fulfill this obligation shall repay to the commission
 6 all funds received pursuant to this article in accordance
 7 with procedures established by the commission.

8 44402. The commission shall sponsor a pilot study of
 9 the effects and effectiveness of establishing differential
 10 levels of compensation for teachers of mathematics in as
 11 many as eight school districts or county offices of
 12 education, and school districts or county superintendents
 13 of instruction are encouraged to participate in the pilot
 14 study on a voluntary basis. Before selecting any school
 15 district or county superintendent of schools to participate
 16 in the pilot study, the commission shall provide an
 17 opportunity for comments by the exclusive
 18 representative of certificated teachers in the school
 19 district or county office of education. *A school district or*
 20 *county office of education may apply for funds from this*
 21 *pilot study but shall not expend these funds without an*
 22 *agreement negotiated with the exclusive representative*
 23 *of the certificated teachers employed by the school*
 24 *district or county office of education, as the case may be.*

25 The commission and the participating school districts
 26 and county superintendents of schools shall monitor the
 27 effects of the pilot study in terms of the numbers of
 28 teachers who become qualified in mathematics teaching
 29 as a result of compensation differentials.

30 44403. (a) Commencing in the 1997–98 fiscal year,
 31 the sum of one million five hundred thousand dollars
 32 (\$1,500,000,) is hereby continuously appropriated from
 33 the General Fund to the Commission on Teacher
 34 Credentialing, without regard to fiscal year, for the
 35 purpose of implementing the California Mathematics
 36 ~~Teaching—Challenge—Initiative for Teaching~~ pursuant to
 37 this article. Not more than 8 percent of the appropriation
 38 in any fiscal year shall be used by the commission for
 39 administration of this article.



1 (b) For the purpose of making the computations
2 required by Section 8 of Article XVI of the California
3 Constitution, the appropriation made by this section shall
4 be deemed to be “General Fund revenues appropriated
5 to school districts,” as defined in subdivision (c) of Section
6 41202 of the Education Code, for the 1995–96 fiscal year,
7 and be included within the “total allocations to school
8 districts and community college districts from General
9 Fund proceeds of taxes appropriated pursuant to Article
10 XIII B,” as defined in subdivision (e) of Section 41202 of
11 the Education Code, for the 1997–98 fiscal year.

12 SEC. 4. Section 69613 of the Education Code is
13 amended to read:

14 69613. (a) Any person enrolled in an institution of
15 postsecondary education participating in the loan
16 assumption program set forth in this article, or any person
17 who agrees to participate in a teacher trainee or teacher
18 internship program, may be eligible to receive a
19 conditional warrant for loan assumption, to be redeemed
20 pursuant to Section 69613.2 upon becoming employed as
21 a teacher. In order to be eligible to receive a loan
22 assumption warrant, an applicant shall satisfy all of the
23 conditions specified in either subdivision (b) or (c):

24 (b) (1) The applicant has completed at least 60
25 semester units, or the equivalent, and is enrolled in an
26 academic program leading to a baccalaureate degree at
27 a participating institution, or has been admitted to a
28 program of professional preparation that has been
29 approved by the Commission on Teacher Credentialing.

30 (2) The applicant is currently enrolled in, or has been
31 admitted to a program in which he or she will be enrolled
32 in, at least 10 semester units, or the equivalent. The
33 applicant shall agree to maintain not less than 10 semester
34 units per semester, or the equivalent, and to maintain
35 satisfactory academic progress.

36 (3) The applicant has been judged by his or her
37 postsecondary institution to have outstanding ability on
38 the basis of criteria that may include, but need not be
39 limited to, any of the following:

40 (A) Grade point average.



- 1 (B) Test scores.
- 2 (C) Faculty evaluations.
- 3 (D) Interviews.
- 4 (E) Other recommendations.

5 (4) In order to meet the costs associated with
 6 obtaining a baccalaureate degree, or a California
 7 teaching credential, the applicant has received, or is
 8 approved to receive, a loan under one or more of the
 9 following designated loan programs:

- 10 (A) The Federal Family Education Loan Program.
- 11 (B) Any loan program approved by the Student Aid
 12 Commission.

13 (5) The applicant has agreed to teach in a public school
 14 in this state for at least three consecutive academic years
 15 after obtaining a teaching credential.

16 (c) (1) The applicant holds a baccalaureate degree
 17 and agrees to participate in a teacher trainee program or
 18 teacher internship program, or is a person who will
 19 continue to be employed full time in a field other than
 20 teaching while completing the necessary coursework for
 21 a teaching credential, or is a noncredentialed teaching
 22 paraprofessional, as described in Section 44323, who will
 23 continue to serve as a teaching paraprofessional while
 24 completing the necessary coursework for a California
 25 teaching credential.

26 (2) The applicant is enrolled in, or has been admitted
 27 to, a participating institution and agrees to maintain
 28 satisfactory academic progress in an academic program
 29 leading to a baccalaureate degree or in a program of
 30 professional preparation that has been approved by the
 31 Commission on Teacher Credentialing, and the applicant
 32 satisfies the conditions specified in paragraphs (3), (4),
 33 and (5) of subdivision (b).

34 No applicant who has completed fewer than 60 units,
 35 or the equivalent, shall be eligible under this subdivision
 36 to participate in the loan assumption program set forth in
 37 this article.

38 (d) Sixty percent of the warrants distributed each year
 39 pursuant to subdivisions (b) and (c) at each participating
 40 institution shall be awarded by that institution to



1 applicants who agree to obtain a teaching credential in
2 subject areas that are designated as current or projected
3 shortage areas by the Superintendent of Public
4 Instruction. The warrant shall remain valid even if the
5 subject area ceases to be a designated shortage field by
6 the time the applicant becomes a teacher.

7 (e) The remaining 40 percent of the warrants
8 distributed each year pursuant to subdivisions (b) and
9 (c) at each participating institution shall be awarded to
10 applicants who agree to obtain teaching credentials in
11 any subject area and to provide classroom instruction in
12 schools that serve large populations of students from
13 low-income families, as designated by the superintendent
14 for purposes of the Perkins Loan Program or otherwise.
15 The warrant shall remain valid even if the school ceases
16 to be so designated during the applicant's second or third
17 year of teaching.

18 (f) Commencing in the 1998–99 fiscal year and each
19 fiscal year thereafter, a total of 33 percent of the warrants
20 distributed under subdivisions (d) and (e) each year shall
21 be awarded to prospective teachers of mathematics.

22 (g) A person participating in the program pursuant to
23 this section shall not receive more than one warrant.

24 (h) The Student Aid Commission shall adopt rules and
25 regulations regarding the reallocation of warrants where
26 a participating institution is unable to utilize its allocated
27 warrants or is unable to distribute them proportionately
28 to subdivisions (d), (e), and (f) within a reasonable
29 period of time.

30 SEC. 5. Section 69615.6 of the Education Code is
31 amended to read:

32 69615.6. Beginning no later than the 1986–87 school
33 year, and each school year thereafter, the commission
34 shall issue warrants for the assumption of up to 600
35 student loans for program participants eligible under this
36 article. The issuance of warrants shall be subject to
37 funding to be provided in the Budget Act for each fiscal
38 year.

39 SEC. 6. Section 69616 of the Education Code is
40 amended to read:



1 69616. (a) It is the intent of the Legislature that,
2 commencing with the 1985–86 fiscal year, funding
3 necessary for the administration of the student loan
4 assumption program shall be included within the annual
5 budget of the Student Aid Commission in an amount
6 necessary to meet the student loan obligations incurred
7 by the commission.
8 (b) It is the intent of the Legislature that,
9 commencing with the 1999–2000 fiscal year and each
10 fiscal year thereafter, funding necessary for augmenting
11 the student loan assumption program from 500 to 600
12 warrants shall be included within the annual budget of
13 the Student Aid Commission in an amount necessary to
14 meet the student loan obligations incurred by the
15 commission. For the purpose of making the computations
16 required by Section 8 of Article XVI of the California
17 Constitution, the appropriations made for the purposes of
18 funding this augmentation shall be deemed to be
19 “General Fund revenues appropriated to school
20 districts,” as defined in subdivision (c) of Section 41202
21 for the fiscal year in which the appropriation is made and
22 shall be included within the “total allocations to school
23 districts and community college districts from the
24 General Fund proceeds of taxes appropriated pursuant to
25 Article XIII B,” as defined in subdivision (e) of Section
26 41202 for the fiscal year in which the appropriation is
27 made.

