
SENATE BILL 6639

State of Washington

59th Legislature

2006 Regular Session

By Senators Pridemore, Schmidt, Keiser, McAuliffe and Kohl-Welles

Read first time 01/17/2006. Referred to Committee on Early Learning, K-12 & Higher Education.

1 AN ACT Relating to establishing the Washington teach math-science
2 program to increase the number and enhance the preparation of secondary
3 school mathematics and science teachers; amending RCW 28B.102.040,
4 28B.102.060, and 28A.660.050; reenacting and amending RCW 43.84.092;
5 adding a new section to chapter 28B.76 RCW; adding a new chapter to
6 Title 28B RCW; making appropriations; and providing an effective date.

7 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

8 NEW SECTION. **Sec. 1.** (1) The legislature finds that Washington
9 students are not adequately prepared in mathematics and science:

10 (a) Despite steady annual improvement, fewer than half of the
11 seventh and tenth grade students met the state standard in mathematics
12 on the Washington assessment of student learning in 2004;

13 (b) Early results from the eighth grade students taking the
14 Washington assessment of student learning in science show that under
15 forty percent met the standard;

16 (c) In 2003, nearly half of recent high school graduates attending
17 community and technical colleges enrolled in remedial mathematics
18 courses because they were not ready for college-level mathematics; and

1 (d) In 2003, fewer than seventeen percent of bachelor's degrees
2 awarded by public colleges and universities in Washington were in
3 science and engineering fields, a proportion that declined over the
4 previous ten years.

5 (2) The legislature further finds that knowledge and skills in
6 mathematics and science are critical for Washington's future economic
7 development and the state's overall well-being:

8 (a) Jobs at all levels of training and in multiple fields - from
9 manufacturing and construction, to accounting and finance, to computer
10 technical support and programming - increasingly require workers to
11 perform calculations and analysis at higher levels of complexity;

12 (b) Shortages in the state's health care work force are well
13 documented. Health care providers at all levels need strong
14 backgrounds in physical and life sciences;

15 (c) Growth in the state's technology, biotechnology, and
16 engineering industries is dependent on ready access to individuals with
17 advanced training and degrees in mathematics and science.

18 (3) Finally, the legislature finds that a critical bottleneck for
19 future improvement in students' mathematics and science capabilities is
20 the availability of highly qualified mathematics and science teachers,
21 particularly in secondary schools.

22 (4) Therefore, the legislature intends to take a comprehensive
23 approach to improving the quantity and quality of secondary school
24 mathematics and science teachers by creating the Washington teach math-
25 science program.

26 NEW SECTION. **Sec. 2.** The Washington teach math-science program is
27 hereby created. The program consists of the following components:

28 (1) The teacher preparation programs developed under section 4 of
29 this act;

30 (2) The public-private advisory committee established under section
31 5 of this act;

32 (3) Targeted conditional scholarships and loan repayments for
33 future secondary mathematics and science teachers authorized under
34 section 6 of this act; and

35 (4) Targeted alternative routes conditional scholarships and loan
36 repayments for future mathematics and science teachers authorized under
37 section 8 of this act.

1 NEW SECTION. **Sec. 3.** The definitions in this section apply
2 throughout this chapter unless the context clearly requires otherwise.

3 (1) "Residency certification" means the first-level teaching
4 certification established under RCW 28A.410.010.

5 (2) "Secondary mathematics or science" means academic courses and
6 majors that would qualify a teacher for an endorsement on his or her
7 teaching certificate in middle-level mathematics and science; secondary
8 mathematics; secondary science; or the secondary designated sciences of
9 biology, chemistry, earth science, or physics.

10 NEW SECTION. **Sec. 4.** (1) The higher education coordinating board
11 and the professional educator standards board shall jointly select two
12 institutions of higher education, as defined in RCW 28B.10.016, to
13 develop and implement a comprehensive program to prepare secondary
14 mathematics and science teachers. The programs shall be available for
15 students by the fall 2007 term and shall include the following
16 components:

17 (a) A streamlined curriculum collaboratively designed by the
18 college of education and the college of arts and sciences or their
19 equivalents that permits students to earn a bachelor's degree and
20 residency certification in secondary mathematics or science within four
21 academic years; and

22 (b) Recruitment and outreach to prospective high school and college
23 students who have expressed interest in mathematics and science,
24 informing them about the program and encouraging them to explore a
25 teaching career.

26 (2) Requests for proposals to participate under subsection (1) of
27 this section shall be developed and released by the higher education
28 coordinating board and the professional educator standards board by
29 June 15, 2006.

30 NEW SECTION. **Sec. 5.** A new section is added to chapter 28B.76 RCW
31 to read as follows:

32 (1) The board and the professional educator standards board shall
33 convene an advisory committee consisting of business and community
34 leaders. The advisory committee shall:

35 (a) Solicit for and accept grants and donations from public and
36 private sources for authorized professional development opportunities

1 for students participating in a program established under section 4 of
2 this act and for practicing teachers who completed a program
3 established under section 4 of this act;

4 (b) Assist in the identification and development of authorized
5 professional development opportunities for students participating in a
6 program established under section 4 of this act and for practicing
7 teachers who completed a program established under section 4 of this
8 act, including:

9 (i) Internship experiences during students' first two years of
10 college that provide early exposure to secondary mathematics and
11 science classrooms, in addition to required student teaching
12 experiences;

13 (ii) Best practice seminars taught by exemplary secondary
14 mathematics and science teachers;

15 (iii) Mentors and other supports for teachers during the first five
16 years of their teaching careers; and

17 (iv) Summer work experiences for teachers in businesses and
18 industries related to mathematics and science; and

19 (c) Advise the board and the professional educator standards board
20 on development of rules regarding awards under this section.

21 (2) The Washington teach math-science professional development
22 account is created in the custody of the state treasurer. All receipts
23 from private moneys solicited from public and private sources for
24 authorized professional development opportunities under this section
25 must be deposited into the account. Expenditures from the account may
26 be used only for professional development opportunities as provided
27 under this section. Only the director of the higher education
28 coordinating board or the director's designee may authorize
29 expenditures from the account. The account is subject to allotment
30 procedures under chapter 43.88 RCW, but an appropriation is not
31 required for expenditures.

32 **Sec. 6.** RCW 28B.102.040 and 2005 c 518 s 918 are each amended to
33 read as follows:

34 (1) The board may select participants based on an application
35 process conducted by the board or the board may (~~utilize~~) use
36 selection processes for similar students in cooperation with the

1 professional educator standards board or the office of the
2 superintendent of public instruction.

3 (2) If the board selects participants for the program, it shall
4 establish a selection committee for screening and selecting recipients
5 of the conditional scholarships. The criteria shall emphasize factors
6 demonstrating excellence including but not limited to superior
7 scholastic achievement, leadership ability, community contributions,
8 bilingual ability, willingness to commit to providing teaching service
9 in shortage areas, and an ability to act as a role model for students.
10 Priority will be given to individuals seeking certification or an
11 additional endorsement in math, science, technology, or special
12 education.

13 (3) Beginning July 1, 2006, the board shall increase the number of
14 conditional scholarships awarded by seventy to eligible students who
15 intend to teach secondary mathematics or science over the number
16 awarded to prospective secondary mathematics or science teachers for
17 the 2005-06 academic year.

18 (4) For fiscal years 2006 and 2007, additional priority shall be
19 given to such individuals who are also bilingual. It is the intent of
20 the legislature to develop a pool of dual-language teachers in order to
21 meet the challenge of educating students who are dominant in languages
22 other than English.

23 **Sec. 7.** RCW 28B.102.060 and 2004 c 58 s 7 are each amended to read
24 as follows:

25 (1) Participants in the conditional scholarship program incur an
26 obligation to repay the conditional scholarship, with interest and an
27 equalization fee, unless they teach for two years in an approved
28 education program for each year of scholarship received, under rules
29 adopted by the board. Participants who teach in a designated teacher
30 shortage area or those receiving funds under RCW 28B.102.040(3) shall
31 have one year of loan canceled for each year they teach in the shortage
32 area.

33 (2) The interest rate shall be determined annually by the board.
34 Participants who fail to complete the teaching service shall incur an
35 equalization fee based on the remaining unforgiven balance of the loan.
36 The equalization fee shall be added to the remaining balance and repaid
37 by the participant.

1 (3) The minimum payment shall be set by the board. The maximum
2 period for repayment shall be ten years, with payments of principal and
3 interest accruing quarterly commencing six months from the date the
4 participant completes or discontinues the course of study. Provisions
5 for deferral of payment shall be determined by the board.

6 (4) The entire principal and interest of each payment shall be
7 forgiven for each payment period in which the participant teaches in an
8 approved education program until the entire repayment obligation is
9 satisfied. Should the participant cease to teach in an approved
10 education program in this state before the participant's repayment
11 obligation is completed, payments on the unsatisfied portion of the
12 principal and interest shall begin the next payment period and continue
13 until the remainder of the participant's repayment obligation is
14 satisfied.

15 (5) The board is responsible for collection of repayments made
16 under this section and shall exercise due diligence in such collection,
17 maintaining all necessary records to insure that maximum repayments are
18 made. Collection and servicing of repayments under this section shall
19 be pursued using the full extent of the law, including wage garnishment
20 if necessary. The board is responsible to forgive all or parts of such
21 repayments under the criteria established in this section and shall
22 maintain all necessary records of forgiven payments.

23 (6) Receipts from the payment of principal or interest or any other
24 subsidies to which the board as administrator is entitled, which are
25 paid by or on behalf of participants under this section, shall be
26 deposited in the future teachers conditional scholarship account and
27 shall be used to cover the costs of granting the conditional
28 scholarships, maintaining necessary records, and making collections
29 under subsection (5) of this section. The board shall maintain
30 accurate records of these costs, and all receipts beyond those
31 necessary to pay such costs shall be used to grant conditional
32 scholarships to eligible students.

33 (7) The board shall adopt rules to define the terms of repayment,
34 including applicable interest rates, fees, and deferments.

35 **Sec. 8.** RCW 28A.660.050 and 2004 c 23 s 5 are each amended to read
36 as follows:

1 The alternative route conditional scholarship program is created
2 under the following guidelines:

3 (1) The program shall be administered by the higher education
4 coordinating board. In administering the program, the higher education
5 coordinating board has the following powers and duties:

6 (a) To adopt necessary rules and develop guidelines to administer
7 the program;

8 (b) To collect and manage repayments from participants who do not
9 meet their service obligations; and

10 (c) To accept grants and donations from public and private sources
11 for the program.

12 (2) Participation in the alternative route conditional scholarship
13 program is limited to interns of the partnership grant programs under
14 RCW 28A.660.040. The Washington professional educator standards board
15 shall select interns to receive conditional scholarships.

16 (3) In order to receive conditional scholarship awards, recipients
17 shall be accepted and maintain enrollment in alternative certification
18 routes through the partnership grant program, as provided in RCW
19 28A.660.040. Recipients must continue to make satisfactory progress
20 towards completion of the alternative route certification program and
21 receipt of a residency teaching certificate.

22 (4) For the purpose of this chapter, a conditional scholarship is
23 a loan that is forgiven in whole or in part in exchange for service as
24 a certificated teacher employed in a Washington state K-12 public
25 school. The state shall forgive one year of loan obligation for every
26 two years a recipient teaches in a public school. Recipients that fail
27 to continue a course of study leading to residency teacher
28 certification or cease to teach in a public school in the state of
29 Washington in their endorsement area are required to repay the
30 remaining loan principal with interest.

31 (5) Recipients who fail to fulfill the required teaching obligation
32 are required to repay the remaining loan principal with interest and
33 any other applicable fees. The higher education coordinating board
34 shall adopt rules to define the terms for repayment, including
35 applicable interest rates, fees, and deferments.

36 (6) Beginning July 1, 2006, the board shall increase the number of
37 conditional scholarships awarded to eligible participants who intend to
38 teach secondary mathematics or science by thirty more than the number

1 awarded to prospective secondary mathematics or science teachers for
2 the 2005-06 academic year. Participants who teach mathematics or
3 science shall have one year of loan canceled for each year they teach
4 in a district with a documented shortage of mathematics or science
5 teachers.

6 (7) To the extent funds are appropriated for this specific purpose,
7 the annual amount of the scholarship is the annual cost of tuition;
8 fees; and educational expenses, including books, supplies, and
9 transportation for the alternative route certification program in which
10 the recipient is enrolled, not to exceed eight thousand dollars. The
11 board may adjust the annual award by the average rate of resident
12 undergraduate tuition and fee increases at the state universities as
13 defined in RCW 28B.10.016.

14 ((+7)) (8) The higher education coordinating board may deposit all
15 appropriations, collections, and any other funds received for the
16 program in this chapter in the ((student loan)) account authorized in
17 RCW 28B.102.060.

18 **Sec. 9.** RCW 43.84.092 and 2005 c 514 s 1106, 2005 c 353 s 4, 2005
19 c 339 s 23, 2005 c 314 s 110, 2005 c 312 s 8, and 2005 c 94 s 2 are
20 each reenacted and amended to read as follows:

21 (1) All earnings of investments of surplus balances in the state
22 treasury shall be deposited to the treasury income account, which
23 account is hereby established in the state treasury.

24 (2) The treasury income account shall be utilized to pay or receive
25 funds associated with federal programs as required by the federal cash
26 management improvement act of 1990. The treasury income account is
27 subject in all respects to chapter 43.88 RCW, but no appropriation is
28 required for refunds or allocations of interest earnings required by
29 the cash management improvement act. Refunds of interest to the
30 federal treasury required under the cash management improvement act
31 fall under RCW 43.88.180 and shall not require appropriation. The
32 office of financial management shall determine the amounts due to or
33 from the federal government pursuant to the cash management improvement
34 act. The office of financial management may direct transfers of funds
35 between accounts as deemed necessary to implement the provisions of the
36 cash management improvement act, and this subsection. Refunds or

1 allocations shall occur prior to the distributions of earnings set
2 forth in subsection (4) of this section.

3 (3) Except for the provisions of RCW 43.84.160, the treasury income
4 account may be utilized for the payment of purchased banking services
5 on behalf of treasury funds including, but not limited to, depository,
6 safekeeping, and disbursement functions for the state treasury and
7 affected state agencies. The treasury income account is subject in all
8 respects to chapter 43.88 RCW, but no appropriation is required for
9 payments to financial institutions. Payments shall occur prior to
10 distribution of earnings set forth in subsection (4) of this section.

11 (4) Monthly, the state treasurer shall distribute the earnings
12 credited to the treasury income account. The state treasurer shall
13 credit the general fund with all the earnings credited to the treasury
14 income account except:

15 (a) The following accounts and funds shall receive their
16 proportionate share of earnings based upon each account's and fund's
17 average daily balance for the period: The capitol building
18 construction account, the Cedar River channel construction and
19 operation account, the Central Washington University capital projects
20 account, the charitable, educational, penal and reformatory
21 institutions account, the common school construction fund, the county
22 criminal justice assistance account, the county sales and use tax
23 equalization account, the data processing building construction
24 account, the deferred compensation administrative account, the deferred
25 compensation principal account, the department of retirement systems
26 expense account, the developmental disabilities community trust
27 account, the drinking water assistance account, the drinking water
28 assistance administrative account, the drinking water assistance
29 repayment account, the Eastern Washington University capital projects
30 account, the education construction fund, the education legacy trust
31 account, the election account, the emergency reserve fund, The
32 Evergreen State College capital projects account, the federal forest
33 revolving account, the freight mobility investment account, the health
34 services account, the public health services account, the health system
35 capacity account, the personal health services account, the state
36 higher education construction account, the higher education
37 construction account, the highway infrastructure account, the high-
38 occupancy toll lanes operations account, the industrial insurance

1 premium refund account, the judges' retirement account, the judicial
2 retirement administrative account, the judicial retirement principal
3 account, the local leasehold excise tax account, the local real estate
4 excise tax account, the local sales and use tax account, the medical
5 aid account, the mobile home park relocation fund, the multimodal
6 transportation account, the municipal criminal justice assistance
7 account, the municipal sales and use tax equalization account, the
8 natural resources deposit account, the oyster reserve land account, the
9 perpetual surveillance and maintenance account, the public employees'
10 retirement system plan 1 account, the public employees' retirement
11 system combined plan 2 and plan 3 account, the public facilities
12 construction loan revolving account beginning July 1, 2004, the public
13 health supplemental account, the public works assistance account, the
14 Puyallup tribal settlement account, the real estate appraiser
15 commission account, the regional transportation investment district
16 account, the resource management cost account, the rural Washington
17 loan fund, the site closure account, the small city pavement and
18 sidewalk account, the special wildlife account, the state employees'
19 insurance account, the state employees' insurance reserve account, the
20 state investment board expense account, the state investment board
21 commingled trust fund accounts, the supplemental pension account, the
22 Tacoma Narrows toll bridge account, the teachers' retirement system
23 plan 1 account, the teachers' retirement system combined plan 2 and
24 plan 3 account, the tobacco prevention and control account, the tobacco
25 settlement account, the transportation infrastructure account, the
26 transportation partnership account, the tuition recovery trust fund,
27 the University of Washington bond retirement fund, the University of
28 Washington building account, the volunteer fire fighters' and reserve
29 officers' relief and pension principal fund, the volunteer fire
30 fighters' and reserve officers' administrative fund, the Washington
31 fruit express account, the Washington judicial retirement system
32 account, the Washington law enforcement officers' and fire fighters'
33 system plan 1 retirement account, the Washington law enforcement
34 officers' and fire fighters' system plan 2 retirement account, the
35 Washington public safety employees' plan 2 retirement account, the
36 Washington school employees' retirement system combined plan 2 and 3
37 account, the Washington state health insurance pool account, the
38 Washington state patrol retirement account, the Washington State

1 University building account, the Washington State University bond
2 retirement fund, the Washington teach math-science professional
3 development account, the water pollution control revolving fund, and
4 the Western Washington University capital projects account. Earnings
5 derived from investing balances of the agricultural permanent fund, the
6 normal school permanent fund, the permanent common school fund, the
7 scientific permanent fund, and the state university permanent fund
8 shall be allocated to their respective beneficiary accounts. All
9 earnings to be distributed under this subsection (4)(a) shall first be
10 reduced by the allocation to the state treasurer's service fund
11 pursuant to RCW 43.08.190.

12 (b) The following accounts and funds shall receive eighty percent
13 of their proportionate share of earnings based upon each account's or
14 fund's average daily balance for the period: The aeronautics account,
15 the aircraft search and rescue account, the county arterial
16 preservation account, the department of licensing services account, the
17 essential rail assistance account, the ferry bond retirement fund, the
18 grade crossing protective fund, the high capacity transportation
19 account, the highway bond retirement fund, the highway safety account,
20 the motor vehicle fund, the motorcycle safety education account, the
21 pilotage account, the public transportation systems account, the Puget
22 Sound capital construction account, the Puget Sound ferry operations
23 account, the recreational vehicle account, the rural arterial trust
24 account, the safety and education account, the special category C
25 account, the state patrol highway account, the transportation 2003
26 account (nickel account), the transportation equipment fund, the
27 transportation fund, the transportation improvement account, the
28 transportation improvement board bond retirement account, and the urban
29 arterial trust account.

30 (5) In conformance with Article II, section 37 of the state
31 Constitution, no treasury accounts or funds shall be allocated earnings
32 without the specific affirmative directive of this section.

33 NEW SECTION. **Sec. 10.** Sections 1 through 4 of this act constitute
34 a new chapter in Title 28B RCW.

35 NEW SECTION. **Sec. 11.** Section 9 of this act takes effect July 1,
36 2006.

1 NEW SECTION. **Sec. 12.** The sum of five hundred thousand dollars,
2 or as much thereof as may be necessary, is appropriated for the fiscal
3 year ending June 30, 2007, from the general fund to the higher
4 education coordinating board for the purposes of section 6(3) of this
5 act.

6 NEW SECTION. **Sec. 13.** The sum of two hundred fifty thousand
7 dollars, or as much thereof as may be necessary, is appropriated for
8 the fiscal year ending June 30, 2007, from the general fund to the
9 higher education coordinating board for the purposes of section 8(6) of
10 this act.

11 NEW SECTION. **Sec. 14.** The sum of one hundred thousand dollars, or
12 as much thereof as may be necessary, is appropriated for the fiscal
13 year ending June 30, 2007, from the general fund to the higher
14 education coordinating board to develop programs described in section
15 4(1) of this act.

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