
HOUSE BILL 2000

State of Washington 61st Legislature 2009 Regular Session

By Representatives Priest, Wallace, Anderson, and Sullivan

Read first time 02/05/09. Referred to Committee on Education.

1 AN ACT Relating to creating an adequate supply of well-qualified
2 mathematics and science teachers; amending RCW 28A.410.210 and
3 28B.50.020; adding a new section to chapter 28A.410 RCW; adding a new
4 section to chapter 28B.10 RCW; adding a new section to chapter 28B.50
5 RCW; adding a new section to chapter 28A.310 RCW; and adding a new
6 section to chapter 28A.150 RCW.

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

8 NEW SECTION. **Sec. 1.** A new section is added to chapter 28A.410
9 RCW to read as follows:

10 (1) The Washington professional educator standards board shall
11 serve as the lead agency in a coordinated approach with school
12 districts, institutions of higher education, the office of the
13 superintendent of public instruction, local and national nonprofit
14 organizations, and the business community to create an adequate supply
15 of well-qualified mathematics and science teachers for Washington's
16 public schools. In fulfilling this role, the board shall:

17 (a) Work with institutions of higher education, including community
18 colleges, to build stronger connections and partnerships with school

1 districts and to craft innovative teacher preparation programs,
2 particularly in rural areas;

3 (b) Work with in-state and national organizations to identify
4 barriers and craft solutions to improved recruitment, hiring,
5 preparation, and retention of mathematics and science teachers;

6 (c) Expand information to students and counselors, from middle
7 school through college, about teacher preparation options and
8 opportunities;

9 (d) Seek private and federal support for innovations and
10 initiatives; and

11 (e) Set goals, collect and analyze data, and monitor progress
12 toward achieving the goals.

13 (2) Strategies overseen and coordinated by the board to achieve the
14 objectives of this section include but are not limited to the
15 following:

16 (a) Building pipelines to mathematics and science teaching,
17 beginning in middle school and through college using the recruiting
18 Washington teachers program under RCW 28A.415.370, the pipeline for
19 paraeducators conditional scholarship program under RCW 28A.660.042,
20 and the Washington teach initiative under section 3 of this act;

21 (b) Streamlining teacher preparation and improving the geographic
22 distribution of mathematics and science teachers through the retooling
23 to teach mathematics and science conditional scholarship program under
24 RCW 28A.660.045, alternative route to teacher certification programs
25 under RCW 28A.660.040, community college teacher preparation options
26 under section 4 of this act, and rural recruitment collaboratives under
27 section 6 of this act;

28 (c) Shifting and building capacity in public four-year institutions
29 of higher education to prepare mathematics and science teachers through
30 their participation in alternative route programs and the institutional
31 priority initiatives and incentives under section 3 of this act; and

32 (d) Attracting individuals to careers in mathematics and science
33 teaching, including through the future teachers conditional scholarship
34 and loan repayment program under chapter 28B.102 RCW and the
35 mathematics and science midcareer incentive under section 7 of this
36 act.

1 **Sec. 2.** RCW 28A.410.210 and 2008 c 176 s 1 are each amended to
2 read as follows:

3 The purpose of the professional educator standards board is to
4 establish policies and requirements for the preparation and
5 certification of educators that provide standards for competency in
6 professional knowledge and practice in the areas of certification; a
7 foundation of skills, knowledge, and attitudes necessary to help
8 students with diverse needs, abilities, cultural experiences, and
9 learning styles meet or exceed the learning goals outlined in RCW
10 28A.150.210; knowledge of research-based practice; and professional
11 development throughout a career. The Washington professional educator
12 standards board shall:

13 (1) Establish policies and practices for the approval of programs
14 of courses, requirements, and other activities leading to educator
15 certification including teacher, school administrator, and educational
16 staff associate certification, which shall permit a qualified community
17 college to be approved to offer the mathematics and science teacher
18 preparation options under section 4 of this act;

19 (2) Establish policies and practices for the approval of the
20 character of work required to be performed as a condition of entrance
21 to and graduation from any educator preparation program including
22 teacher, school administrator, and educational staff associate
23 preparation program as provided in subsection (1) of this section;

24 (3) Establish a list of accredited institutions of higher education
25 of this and other states whose graduates may be awarded educator
26 certificates as teacher, school administrator, and educational staff
27 associate and establish criteria and enter into agreements with other
28 states to acquire reciprocal approval of educator preparation programs
29 and certification, including teacher certification from the national
30 board for professional teaching standards;

31 (4) Establish policies for approval of nontraditional educator
32 preparation programs;

33 (5) Conduct a review of educator program approval standards at
34 least every five years, beginning in 2006, to reflect research findings
35 and assure continued improvement of preparation programs for teachers,
36 administrators, and school specialized personnel;

37 (6) Specify the types and kinds of educator certificates to be

1 issued and conditions for certification in accordance with subsection
2 (1) of this section and RCW 28A.410.010;

3 (7) Hear and determine educator certification appeals as provided
4 by RCW 28A.410.100;

5 (8) Apply for and receive federal or other funds on behalf of the
6 state for purposes related to the duties of the board, including
7 private and federal funds to support initiatives under section 1 of
8 this act;

9 (9) Adopt rules under chapter 34.05 RCW that are necessary for the
10 effective and efficient implementation of this chapter;

11 (10) Maintain data concerning educator preparation programs and
12 their quality, educator certification, educator employment trends and
13 needs, and other data deemed relevant by the board;

14 (11) Serve as an advisory body to the superintendent of public
15 instruction on issues related to educator recruitment, hiring,
16 mentoring and support, professional growth, retention, educator
17 evaluation including but not limited to peer evaluation, and revocation
18 and suspension of licensure;

19 (12) Submit, by October 15th of each even-numbered year, a joint
20 report with the state board of education to the legislative education
21 committees, the governor, and the superintendent of public instruction.
22 The report shall address the progress the boards have made and the
23 obstacles they have encountered, individually and collectively, in the
24 work of achieving the goals set out in RCW 28A.150.210;

25 (13) Establish the prospective teacher assessment system for basic
26 skills and subject knowledge that shall be required to obtain residency
27 certification pursuant to RCW 28A.410.220 through 28A.410.240;

28 (14) By January 2010, set performance standards and develop, pilot,
29 and implement a uniform and externally administered professional-level
30 certification assessment based on demonstrated teaching skill. In the
31 development of this assessment, consideration shall be given to changes
32 in professional certification program components such as the
33 culminating seminar; ~~((and))~~

34 (15) Serve as the lead agency in a coordinated approach to create
35 an adequate supply of well-qualified mathematics and science teachers
36 under section 1 of this act; and

37 (16) Conduct meetings under the provisions of chapter 42.30 RCW.

1 NEW SECTION. **Sec. 3.** A new section is added to chapter 28B.10 RCW
2 to read as follows:

3 (1) Each public four-year institution of higher education with a
4 teacher preparation program approved by the professional educator
5 standards board to offer a residency teaching certificate and subject
6 area endorsements in middle level mathematics or science, or secondary
7 mathematics or science, including any of the branch campuses under RCW
8 28B.45.014, is subject to this section.

9 (2) Each institution under this section shall develop and implement
10 a Washington teach initiative for recruitment and development of
11 mathematics and science teachers from within the student population of
12 the institution and among high school students in partnering school
13 districts. Each institution shall submit the proposed plan and
14 strategies for its Washington teach initiative to the professional
15 educator standards board by October 30, 2009, and thereafter shall
16 submit a progress report to the board each October 30th until 2014.
17 The plan must include:

18 (a) Evidence of a commitment by the institution to make development
19 of mathematics and science teachers an institutional priority;

20 (b) Collaboration between institutional leadership, the college of
21 education, and the mathematics and science departments of the college
22 of arts and sciences;

23 (c) Targeted outreach, student advising, and recruitment efforts;

24 (d) Streamlined course requirements to enable students to obtain
25 both a mathematics or science major and residency certification within
26 four years of study;

27 (e) Opportunities for classroom experiences early in the students'
28 academic careers;

29 (f) Increased collaboration and partnership with school districts,
30 including districts outside the immediate geographic vicinity of the
31 institution; and

32 (g) Measurable goals and objectives, including the shift in
33 enrollment required under the institutional priority initiative under
34 subsection (4) of this section.

35 (3) Each institution under this section shall partner with one or
36 more school districts in providing one or more of the alternative route
37 programs under RCW 28A.660.040 using routes two, three, or four to
38 offer candidates a postbaccalaureate residency teaching certificate in

1 middle level mathematics or science or secondary mathematics or
2 science. Each institution shall seek partner school districts in
3 underserved areas of the state. Each institution and district partner
4 or partners shall submit a partnership proposal under RCW 28A.660.020
5 to the professional educator standards board no later than January 15,
6 2010, and if approved, shall commence operation of the program no later
7 than September 1, 2010, unless the professional educator standards
8 board authorizes an extension. A significant factor in review and
9 approval by the board shall be the quality of the institution's
10 partnership with local school districts.

11 (4) Effective with the 2010-11 academic year, each institution
12 under this section shall reduce admittance and enrollment of students
13 seeking residency teacher certification with an endorsement in
14 elementary education as part of an institutional priority initiative
15 and shall demonstrably increase enrollment capacity for students
16 seeking residency teacher certification with an endorsement in middle
17 level mathematics or science, or secondary mathematics or science. An
18 institution that can document a reduction in admittance and enrollment
19 of elementary education candidates and an increase in capacity and
20 enrollment of mathematics or science candidates between 2006 and 2010
21 may be exempted by the board from this subsection (3) but is encouraged
22 to continue to increase capacity in mathematics and science.

23 (5) Subject to funds appropriated for this purpose and beginning in
24 the 2010-11 academic year, the higher education coordinating board may
25 award an institution under this section an enrollment incentive
26 allocation to support the initiatives under this section for each
27 enrolled student seeking residency teacher certification with an
28 endorsement in middle level mathematics or science, or secondary
29 mathematics or science.

30 NEW SECTION. **Sec. 4.** A new section is added to chapter 28B.50 RCW
31 to read as follows:

32 (1) A community college may submit an application to the
33 professional educator standards board for approval to offer courses
34 that teachers may use to demonstrate required competencies for
35 endorsement in middle level mathematics or science, or secondary
36 mathematics or science.

1 (2)(a) The college board shall select up to three community
2 colleges willing to partner with one or more local school districts in
3 providing one or more of the alternative route programs under RCW
4 28A.660.040 using routes two, three, or four to offer candidates a
5 postbaccalaureate residency teaching certificate in middle level
6 mathematics or science, or secondary mathematics or science. To the
7 maximum extent possible, the colleges selected shall be geographically
8 dispersed to enhance access in underserved areas of the state.

9 (b) The college board and the professional educator standards board
10 shall provide technical assistance to the colleges and their school
11 district partners in developing and submitting a partnership proposal
12 under RCW 28A.660.020.

13 (3)(a) The college board shall select up to three community
14 colleges to develop and offer a program of study leading to a
15 baccalaureate degree with a residency teaching certificate in middle
16 level mathematics or science, or secondary mathematics or science. To
17 the maximum extent possible, the colleges selected shall be
18 geographically dispersed to enhance access in underserved areas of the
19 state. The college board and the professional educator standards board
20 shall provide technical assistance to the colleges in developing and
21 submitting the program for approval.

22 (b) A college selected under this subsection (3) may develop the
23 curriculum for and design and deliver courses leading to a
24 baccalaureate degree. However, programs developed under this
25 subsection (3) are subject to approval by the college board under RCW
26 28B.50.090, the higher education coordinating board under RCW
27 28B.76.230, and the professional educator standards board under RCW
28 28A.410.210 before the college may enroll students in upper division
29 courses or apply courses offered toward required competencies for
30 teacher certification or endorsement. The boards shall coordinate
31 their review and approval processes to expedite approval.

32 **Sec. 5.** RCW 28B.50.020 and 2005 c 258 s 7 are each amended to read
33 as follows:

34 The purpose of this chapter is to provide for the dramatically
35 increasing number of students requiring high standards of education
36 either as a part of the continuing higher education program or for

1 occupational education and training, or for adult basic skills and
2 literacy education, by creating a new, independent system of community
3 and technical colleges which will:

4 (1) Offer an open door to every citizen, regardless of his or her
5 academic background or experience, at a cost normally within his or her
6 economic means;

7 (2) Ensure that each college district shall offer thoroughly
8 comprehensive educational, training and service programs to meet the
9 needs of both the communities and students served by combining high
10 standards of excellence in academic transfer courses; realistic and
11 practical courses in occupational education, both graded and ungraded;
12 community services of an educational, cultural, and recreational
13 nature; and adult education, including basic skills and general,
14 family, and workforce literacy programs and services. However, college
15 districts containing only technical colleges shall maintain programs
16 solely for occupational education, basic skills, and literacy purposes,
17 and, for as long as a need exists, may continue those programs,
18 activities, and services offered by the technical colleges during the
19 twelve-month period preceding September 1, 1991;

20 (3) Provide for basic skills and literacy education, and
21 occupational education and technical training at technical colleges in
22 order to prepare students for careers in a competitive workforce;

23 (4) Provide or coordinate related and supplemental instruction for
24 apprentices at community and technical colleges;

25 (5) Provide administration by state and local boards which will
26 avoid unnecessary duplication of facilities or programs; and which will
27 encourage efficiency in operation and creativity and imagination in
28 education, training and service to meet the needs of the community and
29 students;

30 (6) Allow for the growth, improvement, flexibility and modification
31 of the community colleges and their education, training and service
32 programs as future needs occur; and

33 (7) Establish firmly that, except on a pilot basis as provided
34 under RCW 28B.50.810 and section 4 of this act, community colleges are,
35 for purposes of academic training, two year institutions, and are an
36 independent, unique, and vital section of our state's higher education
37 system, separate from both the common school system and other

1 institutions of higher learning, and never to be considered for
2 conversion into four-year liberal arts colleges.

3 NEW SECTION. **Sec. 6.** A new section is added to chapter 28A.310
4 RCW to read as follows:

5 Subject to funds appropriated for this purpose, at least two
6 educational service districts serving large numbers of small and rural
7 school districts shall develop and operate rural recruitment
8 collaboratives to assist districts in recruiting, hiring, and retaining
9 mathematics and science teachers. The collaboratives shall provide
10 data analysis and needs assessment, help districts develop partnerships
11 with teacher preparation programs, provide assistance with seeking
12 private and federal grants and using existing funds in innovative ways,
13 and examine recruitment and hiring practices and suggest ways to reduce
14 competition and barriers.

15 NEW SECTION. **Sec. 7.** A new section is added to chapter 28A.150
16 RCW to read as follows:

17 (1) Beginning in the 2009-10 school year, the calculation of years
18 of service for purposes of the statewide salary allocation schedule
19 under RCW 28A.150.410 for teachers who have an endorsement and are in
20 an instructional assignment in middle level mathematics or science, or
21 secondary mathematics or science, may include experience in nonschool
22 positions in an occupation requiring a mathematics, science, or
23 engineering degree as provided in this section. The calculation shall
24 be that one year of service in a nonschool position counts as one year
25 of service for purposes of RCW 28A.150.410, up to a limit of five years
26 of nonschool service, and only if the individual has ten or more years
27 of total experience in nonschool positions requiring a mathematics,
28 science, or engineering degree.

29 (2) Nonschool years of service included in calculations under this
30 section shall not be applied to service credit totals for purposes of
31 any retirement benefit under chapter 41.32, 41.35, or 41.40 RCW, or any
32 other state retirement system benefits.

33 (3) The office of the superintendent of public instruction shall
34 adopt rules to implement the mathematics and science midcareer
35 incentive under this section and shall consult with the workforce

1 training and education coordinating board regarding occupations
2 requiring a mathematics, engineering, or science degree.

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