
SUBSTITUTE HOUSE BILL 2598

State of Washington

60th Legislature

2008 Regular Session

By House Education (originally sponsored by Representatives Sullivan, Ormsby, Haigh, Schual-Berke, Green, and Simpson)

READ FIRST TIME 02/05/08.

1 AN ACT Relating to development of an online mathematics curriculum;
2 amending RCW 28A.305.215; and creating a new section.

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

4 NEW SECTION. **Sec. 1.** The office of the superintendent of public
5 instruction shall develop and issue a request for proposals for private
6 vendors or nonprofit organizations to develop a mathematics curriculum
7 that is aligned with Washington's essential academic learning
8 requirements and grade level expectations and would be made available
9 online at no cost to school districts. At a minimum, the proposed
10 curriculum shall cover course content in grades kindergarten through
11 ten. Proposals are encouraged to cover content in grades eleven and
12 twelve that aligns with the state's college readiness standards.
13 Proposals shall address cost and timelines for development and
14 implementation of the curriculum. The office of the superintendent of
15 public instruction shall review the responses, including an analysis of
16 the qualifications of the respondents, and report the results of the
17 request for proposals under this section to the governor and the
18 education and fiscal committees of the legislature by December 1, 2008.

1 **Sec. 2.** RCW 28A.305.215 and 2007 c 396 s 1 are each amended to
2 read as follows:

3 (1) The activities in this section revise and strengthen the state
4 learning standards that implement the goals of RCW 28A.150.210, known
5 as the essential academic learning requirements, and improve alignment
6 of school district curriculum to the standards.

7 (2) The state board of education shall be assisted in its work
8 under subsections (3) and (5) of this section by: (a) An expert
9 national consultant in each of mathematics and science retained by the
10 state board; and (b) the mathematics and science advisory panels
11 created under RCW 28A.305.219, as appropriate, which shall provide
12 review and formal comment on proposed recommendations to the
13 superintendent of public instruction and the state board of education
14 on new revised standards and curricula.

15 (3) By September 30, 2007, the state board of education shall
16 recommend to the superintendent of public instruction revised essential
17 academic learning requirements and grade level expectations in
18 mathematics. The recommendations shall be based on:

19 (a) Considerations of clarity, rigor, content, depth, coherence
20 from grade to grade, specificity, accessibility, and measurability;

21 (b) Study of:

22 (i) Standards used in countries whose students demonstrate high
23 performance on the trends in international mathematics and science
24 study and the programme for international student assessment;

25 (ii) College readiness standards;

26 (iii) The national council of teachers of mathematics focal points
27 and the national assessment of educational progress content frameworks;
28 and

29 (iv) Standards used by three to five other states, including
30 California, and the nation of Singapore; and

31 (c) Consideration of information presented during public comment
32 periods.

33 (4) By January 31, 2008, the superintendent of public instruction
34 shall revise the essential academic learning requirements and the grade
35 level expectations for mathematics and present the revised standards to
36 the state board of education and the education committees of the senate
37 and the house of representatives as required by RCW 28A.655.070(4).

1 The superintendent shall adopt the revised essential academic learning
2 requirements and grade level expectations unless otherwise directed by
3 the legislature during the 2008 legislative session.

4 (5) By June 30, 2008, the state board of education shall recommend
5 to the superintendent of public instruction revised essential academic
6 learning requirements and grade level expectations in science. The
7 recommendations shall be based on:

8 (a) Considerations of clarity, rigor, content, depth, coherence
9 from grade to grade, specificity, accessibility, and measurability;

10 (b) Study of standards used by three to five other states and in
11 countries whose students demonstrate high performance on the trends in
12 international mathematics and science study and the programme for
13 international student assessment; and

14 (c) Consideration of information presented during public comment
15 periods.

16 (6) By December 1, 2008, the superintendent of public instruction
17 shall revise the essential academic learning requirements and the grade
18 level expectations for science and present the revised standards to the
19 state board of education and the education committees of the senate and
20 the house of representatives as required by RCW 28A.655.070(4). The
21 superintendent shall adopt the revised essential academic learning
22 requirements and grade level expectations unless otherwise directed by
23 the legislature during the 2009 legislative session.

24 (7)(a) By ~~((May 15))~~ July 31, 2008, or within four months after the
25 standards under subsection (4) of this section are adopted, whichever
26 is later, the superintendent of public instruction ~~((shall present to~~
27 ~~the state board of education recommendations for no more than three~~
28 ~~basic mathematics curricula each for elementary, middle, and high~~
29 ~~school grade spans.~~

30 ~~(b) By June 30, 2008, the state board of education shall provide~~
31 ~~official comment and recommendations to the superintendent of public~~
32 ~~instruction regarding the recommended mathematics curricula. The~~
33 ~~superintendent of public instruction shall make any changes based on~~
34 ~~the comment and recommendations from the state board of education and~~
35 ~~adopt the recommended curricula)), in collaboration with school
36 district curriculum directors, teachers, and other curriculum
37 specialists, shall complete an analysis of the mathematics textbooks,
38 curricula, and other instructional materials commonly used in~~

1 elementary, middle, and high schools in the state to determine where
2 and to what extent the revised standards are included therein. Based
3 on the analysis, the superintendent shall develop and publish online
4 mathematics curriculum alignment guides that school districts and
5 teachers can use to determine the scope and sequence of the mathematics
6 content to be taught at each grade level. Where commonly used
7 textbooks or curricula do not adequately address the revised standards,
8 the superintendent shall identify sources of supplemental instructional
9 materials that school districts and teachers can use and shall publish
10 this information online.

11 (b) By September 31, 2008, or within six months after the standards
12 in subsection (4) of this section are adopted, whichever is later, the
13 superintendent shall develop a concise online guide for mathematics
14 curriculum to assist school districts and boards of directors in making
15 decisions regarding the future purchase of mathematics textbooks,
16 curriculum, and instructional materials.

17 (c) By May 15, 2009, the superintendent of public instruction shall
18 present to the state board of education recommendations for no more
19 than three basic science curricula each for elementary, middle, and
20 high school grade spans.

21 (d) By June 30, 2009, the state board of education shall provide
22 official comment and recommendations to the superintendent of public
23 instruction regarding the recommended science curricula. The
24 superintendent of public instruction shall make any changes based on
25 the comment and recommendations from the state board of education and
26 adopt the recommended curricula.

27 (e) In selecting the recommended curricula under this subsection
28 (7), the superintendent of public instruction shall provide information
29 to the mathematics and science advisory panels created under RCW
30 28A.305.219, as appropriate, and seek the advice of the appropriate
31 panel regarding the curricula that shall be included in the
32 recommendations.

33 (f) The recommended curricula under this subsection (7) shall align
34 with the revised essential academic learning requirements and grade
35 level expectations. In addition to the recommended basic curricula,
36 appropriate diagnostic and supplemental materials shall be identified
37 as necessary to support each curricula.

1 (g) Subject to funds appropriated for this purpose and availability
2 of the curricula, at least one of the curricula in each grade span and
3 in each of mathematics and science shall be available to schools and
4 parents online at no cost to the school or parent.

5 (8) By December 1, 2007, the state board of education shall revise
6 the high school graduation requirements under RCW 28A.230.090 to
7 include a minimum of three credits of mathematics, one of which may be
8 a career and technical course equivalent in mathematics, and prescribe
9 the mathematics content in the three required credits.

10 (9) Nothing in this section requires a school district to use one
11 of the recommended curricula under subsection (7) of this section.
12 However, the statewide accountability plan adopted by the state board
13 of education under RCW 28A.305.130 shall recommend conditions under
14 which school districts should be required to use one of the recommended
15 curricula. The plan shall also describe the conditions for exception
16 to the curriculum requirement, such as the use of integrated academic
17 and career and technical education curriculum. Required use of the
18 recommended curricula as an intervention strategy must be authorized by
19 the legislature as required by RCW 28A.305.130(4)(e) before
20 implementation.

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