

CERTIFICATION OF ENROLLMENT

SENATE BILL 6534

Chapter 172, Laws of 2008

60th Legislature
2008 Regular Session

MATHEMATICS STANDARDS--REVISION

EFFECTIVE DATE: 03/26/08

Passed by the Senate March 11, 2008
YEAS 46 NAYS 0

BRAD OWEN

President of the Senate

Passed by the House March 6, 2008
YEAS 94 NAYS 0

FRANK CHOPP

Speaker of the House of Representatives

Approved March 26, 2008, 10:12 a.m.

CHRISTINE GREGOIRE

Governor of the State of Washington

CERTIFICATE

I, Thomas Hoemann, Secretary of the Senate of the State of Washington, do hereby certify that the attached is **SENATE BILL 6534** as passed by the Senate and the House of Representatives on the dates hereon set forth.

THOMAS HOEMANN

Secretary

FILED

March 26, 2008

**Secretary of State
State of Washington**

SENATE BILL 6534

AS AMENDED BY THE HOUSE

Passed Legislature - 2008 Regular Session

State of Washington 60th Legislature 2008 Regular Session

By Senators McAuliffe and Tom

Read first time 01/17/08. Referred to Committee on Early Learning & K-12 Education.

1 AN ACT Relating to the revision of the mathematics standards;
2 amending RCW 28A.305.215; creating a new section; and declaring an
3 emergency.

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

5 NEW SECTION. **Sec. 1.** The legislature intends that the revised
6 mathematics standards by the office of the superintendent of public
7 instruction will set higher expectations for Washington's students by
8 fortifying content and increasing rigor; provide greater clarity,
9 specificity, and measurability about what is expected of students in
10 each grade; supply more explicit guidance to educators about what to
11 teach and when; enhance the relevance of mathematics to students'
12 lives; and ultimately result in more Washington students having the
13 opportunity to be successful in mathematics. Additionally, the revised
14 mathematics standards should restructure the standards to make clear
15 the importance of all aspects of mathematics: Mathematics content
16 including the standard algorithms, conceptual understanding of the
17 content, and the application of mathematical processes within the
18 content.

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), (4), 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)(a) By ~~((January 31))~~ February 29, 2008, the superintendent of
34 public instruction shall revise the essential academic learning
35 requirements and the grade level expectations for mathematics and
36 present the revised standards to the state board of education and the
37 education committees of the senate and the house of representatives as
38 required by RCW 28A.655.070(4). ~~((The superintendent shall adopt the~~

1 ~~revised essential academic learning requirements and grade level~~
2 ~~expectations unless otherwise directed by the legislature during the~~
3 ~~2008 legislative session.))~~

4 (b) The state board of education shall direct an expert national
5 consultant in mathematics to:

6 (i) Analyze the February 2008 version of the revised standards,
7 including a comparison to exemplar standards previously reviewed under
8 this section;

9 (ii) Recommend specific language and content changes needed to
10 finalize the revised standards; and

11 (iii) Present findings and recommendations in a draft report to the
12 state board of education.

13 (c) By May 15, 2008, the state board of education shall review the
14 consultant's draft report, consult the mathematics advisory panel, hold
15 a public hearing to receive comment, and direct any subsequent
16 modifications to the consultant's report. After the modifications are
17 made, the state board of education shall forward the final report and
18 recommendations to the superintendent of public instruction for
19 implementation.

20 (d) By July 1, 2008, the superintendent of public instruction shall
21 revise the mathematics standards to conform precisely to and
22 incorporate each of the recommendations of the state board of education
23 under subsection (4)(c) of this section and submit the revisions to the
24 state board of education.

25 (e) By July 31, 2008, the state board of education shall either
26 approve adoption by the superintendent of public instruction of the
27 final revised standards as the essential academic learning requirements
28 and grade level expectations for mathematics, or develop a plan for
29 ensuring that the recommendations under subsection (4)(c) of this
30 section are implemented so that final revised mathematics standards can
31 be adopted by September 25, 2008.

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

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

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

5 (c) Consideration of information presented during public comment
6 periods.

7 (6) By December 1, 2008, the superintendent of public instruction
8 shall revise the essential academic learning requirements and the grade
9 level expectations for science and present the revised standards to the
10 state board of education and the education committees of the senate and
11 the house of representatives as required by RCW 28A.655.070(4). The
12 superintendent shall adopt the revised essential academic learning
13 requirements and grade level expectations unless otherwise directed by
14 the legislature during the 2009 legislative session.

15 (7)(a) By May 15, 2008, the superintendent of public instruction
16 shall present to the state board of education recommendations for no
17 more than three basic mathematics curricula each for elementary,
18 middle, and high school grade spans.

19 (b) By June 30, 2008, the state board of education shall provide
20 official comment and recommendations to the superintendent of public
21 instruction regarding the recommended mathematics curricula. The
22 superintendent of public instruction shall make any changes based on
23 the comment and recommendations from the state board of education and
24 adopt the recommended curricula.

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

29 (d) By June 30, 2009, the state board of education shall provide
30 official comment and recommendations to the superintendent of public
31 instruction regarding the recommended science curricula. The
32 superintendent of public instruction shall make any changes based on
33 the comment and recommendations from the state board of education and
34 adopt the recommended curricula.

35 (e) In selecting the recommended curricula under this subsection
36 (7), the superintendent of public instruction shall provide information
37 to the mathematics and science advisory panels created under RCW

1 28A.305.219, as appropriate, and seek the advice of the appropriate
2 panel regarding the curricula that shall be included in the
3 recommendations.

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

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

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

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

29 NEW SECTION. **Sec. 3.** This act is necessary for the immediate
30 preservation of the public peace, health, or safety, or support of the
31 state government and its existing public institutions, and takes effect
32 immediately.

Passed by the Senate March 11, 2008.
Passed by the House March 6, 2008.
Approved by the Governor March 26, 2008.
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