
SENATE BILL 5973

State of Washington 62nd Legislature 2011 2nd Special Session

By Senators Eide, Fain, McAuliffe, Litzow, Kastama, Hewitt, Chase, and Tom; by request of Governor Gregoire

Read first time 12/07/11. Referred to Committee on Early Learning & K-12 Education.

1 AN ACT Relating to revised standards and assessments for teacher
2 certification integrating STEM knowledge and skills; adding new
3 sections to chapter 28A.410 RCW; and creating a new section.

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

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

7 The professional educator standards board shall, in its regular
8 review and revision of teacher certification standards as required by
9 RCW 28A.410.210, revise standards for the elementary education
10 endorsement and middle level and secondary mathematics and science
11 teacher endorsements as well as other subject area endorsements with
12 STEM-related components. Standards revisions related to mathematics
13 shall be adopted by September 1, 2013. Standards revisions related to
14 science shall be adopted by September 1, 2014. The revised standards
15 shall include the integration of science, technology, engineering, and
16 mathematics (STEM) knowledge and skill and be aligned, as appropriate,
17 with common core mathematics standards, the 2009 revision of state
18 mathematics student learning standards and performance expectations,
19 the biology end-of-course assessment, and the 2012 student science

1 learning standards developed from the conceptual framework for science
2 education and next generation standards and related student performance
3 expectations. In addition to appropriate mathematics and science
4 content, the endorsement standards must also include the concepts and
5 instructional practices of the interdisciplinary connections with
6 engineering and technology.

7 NEW SECTION. **Sec. 2.** A new section is added to chapter 28A.410
8 RCW to read as follows:

9 (1) The professional educator standards board shall revise
10 assessments for prospective teachers and teachers adding subject area
11 endorsements required for teacher certification under RCW 28A.410.220
12 to measure the revised standards in section 1 of this act.

13 (2) In implementing the evidence-based assessment of teaching
14 effectiveness under RCW 28A.410.280, the professional educator
15 standards board shall require that successful candidates for the
16 residency certificate demonstrate effective subject specific
17 instructional methods that address the revised standards.

18 NEW SECTION. **Sec. 3.** The professional educator standards board
19 shall revise certificate renewal rules for teachers at the elementary
20 and secondary levels in STEM-related subjects by September 1, 2014.
21 The revised rules shall include the requirement that continuing
22 education or professional growth plans for these teachers include a
23 specific focus on the integration of science, mathematics, technology,
24 and engineering instruction.

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