

CERTIFICATION OF ENROLLMENT

**HOUSE BILL 2621**

Chapter 238, Laws of 2010

61st Legislature  
2010 Regular Session

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS EDUCATION--  
RESOURCE PROGRAMS

EFFECTIVE DATE: 06/10/10

Passed by the House March 6, 2010  
Yeas 95 Nays 0

FRANK CHOPP

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**Speaker of the House of Representatives**

Passed by the Senate March 4, 2010  
Yeas 47 Nays 0

BRAD OWEN

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**President of the Senate**

Approved March 29, 2010, 2:28 p.m.

CHRISTINE GREGOIRE

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**Governor of the State of Washington**

CERTIFICATE

I, Barbara Baker, Chief Clerk of the House of Representatives of the State of Washington, do hereby certify that the attached is **HOUSE BILL 2621** as passed by the House of Representatives and the Senate on the dates hereon set forth.

BARBARA BAKER

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**Chief Clerk**

FILED

March 30, 2010

**Secretary of State  
State of Washington**

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HOUSE BILL 2621

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AS AMENDED BY THE SENATE

Passed Legislature - 2010 Regular Session

State of Washington                      61st Legislature                      2010 Regular Session

By Representatives Orwall, Maxwell, Darneille, Morrell, and Haigh

Prefiled 01/08/10. Read first time 01/11/10. Referred to Committee on Education.

1            AN ACT Relating to designating resource programs for science,  
2 technology, engineering, and mathematics instruction in K-12 schools;  
3 adding a new section to chapter 28A.630 RCW; and creating a new  
4 section.

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

6            NEW SECTION.    **Sec. 1.** (1) The legislature has made a commitment to  
7 support multiple strategies to improve teaching and learning of  
8 science, technology, engineering, and mathematics in Washington's  
9 public schools. In recent years, Washington has adopted new  
10 technology, mathematics, and science learning standards; initiated  
11 funding for middle schools to provide a career and technical program in  
12 science, technology, engineering, and mathematics at the same rate as  
13 a high school operating a similar program; provided professional  
14 development for mathematics and science teachers; created a scholarship  
15 program to encourage students to enter mathematics and science degree  
16 programs; supported career and technical education in high-demand  
17 fields; and authorized alternative ways for teachers to earn  
18 certification in the mathematics and science fields.

1 (2) At the local level, school districts and their communities are  
2 also finding new ways to improve teaching and learning of science,  
3 technology, engineering, and mathematics. Some districts have combined  
4 several best practices into promising learning models for students.  
5 For example, Aviation high school in the Highline school district  
6 offers a small, highly personalized learning community that is focused  
7 on interdisciplinary immersion in science, technology, engineering, and  
8 mathematics using a hands-on, project-based curriculum. Delta high  
9 school in the Tri-Cities is a collaboration among three school  
10 districts, a skill center, two institutions of higher education, a  
11 community foundation, and local business leaders. The science and math  
12 institute at Point Defiance in Tacoma offers students field-based  
13 applied learning using the natural, historical, and community resources  
14 of a large metropolitan park. These schools draw students from across  
15 regions who are seeking an exciting, rigorous, and nontraditional  
16 learning experience. Other schools and communities across the state  
17 are seeking to replicate these innovative learning models.

18 (3) The legislature intends to support continued expansion of the  
19 type of innovation and creativity displayed by Aviation, Delta, and the  
20 science and math institute by designating so-called "lighthouse" high  
21 schools to serve as resources and examples of best practices in  
22 science, technology, engineering, and mathematics instruction.

23 NEW SECTION. **Sec. 2.** A new section is added to chapter 28A.630  
24 RCW to read as follows:

25 (1) Subject to funds appropriated for this purpose, the  
26 superintendent of public instruction shall designate up to three middle  
27 schools and up to three high schools to serve as resources and examples  
28 of how to combine the following best practices:

- 29 (a) A small, highly personalized learning community;
- 30 (b) An interdisciplinary curriculum with a strong focus on science,  
31 technology, engineering, and mathematics delivered through a project-  
32 based instructional approach; and
- 33 (c) Active partnerships with businesses and the local community to  
34 connect learning beyond the classroom.

35 (2) The designated middle and high schools shall serve as  
36 lighthouse programs and provide technical assistance and advice to  
37 other middle and high schools and communities in the initial stages of

1 creating an alternative learning environment focused on science,  
2 technology, engineering, and mathematics. The designated middle and  
3 high schools must have proven experience and be recognized as model  
4 programs.

5 (3) In addition, the office of the superintendent of public  
6 instruction shall work with the designated middle and high schools to  
7 publicize the models of best practices in science, technology,  
8 engineering, and mathematics instruction used by the designated middle  
9 and high schools and shall encourage other middle and high schools and  
10 communities to work with the designated middle and high schools to  
11 replicate similar models.

Passed by the House March 6, 2010.

Passed by the Senate March 4, 2010.

Approved by the Governor March 29, 2010.

Filed in Office of Secretary of State March 30, 2010.