



Washington State  
Board of Education



*Working to Raise Student Achievement Dramatically*

## **MATHEMATICS UPDATE**

### **BACKGROUND:**

The Board, along with Strategic Teaching, completed its revisions of the K-12 math standards this spring and summer. OSPI has adopted the standards and completed work with its consultant and reviewers on the K-8 math menu curricular review. OSPI will share the review process they used at the Board meeting. In addition they will present recommendations for up to three curricular menus for elementary and middle school from their review. Within two months, the Board is expected to give them comments on their recommendations by statute. The Board has hired Strategic Teaching to assist with the review of these curricular menu recommendations. Strategic Teaching is conducting its own independent review of the top four programs in each elementary and middle school as ranked by OSPI. The Math Panel has met twice this summer on the curricular menu – first with OSPI and then with Strategic Teaching to go over the process that will be used to provide the independent analysis. The Board received all the notes and materials from the August 26 Math Panel meeting. The Math Panel will meet on October 14 to go over Strategic Teaching's findings with the anticipation of a recommendation to the Board at its November meeting. Attached is a one page description of what Strategic Teaching will be doing in its review.

One additional piece that OSPI will share with the Board is its request for information to develop an online curriculum that aligns with the new standards. The legislature asked OSPI to explore this possibility. Bidders will be solicited this fall to provide cost estimates and then OSPI will seek funding for the project during the 2009 session if there is a successful bid. The legislature would like to provide this at no cost to the school districts.

It is important for the Board to examine all the many pieces going on in math and to continue to work with its partners on the Joint Math Action Plan. Attached is a timeline of all the different math requirements the legislature has mandated.

### **POLICY CONSIDERATION:**

None at this point.

### **EXPECTED ACTION:**

The Board will take action at its November meeting on the Strategic Teaching recommendations on the math curricular menus for K-8 and report back to OSPI.



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**2007 (as revised per 2008 session) and 2008 Legislative Assignments and Time Line  
For Math Standards and Assessments  
September 1, 2008**

SBE        State Board of Education  
OSPI      Office of the Superintendent of Public Instruction  
PESB      Professional Educator Standards Board  
WSIPP     Washington State Institute for Public Policy

<b>Lead Agency</b>	<b>Assignment</b>	<b>Due Date</b>
SBE	SBE shall review the consultant's draft report of the analysis of the February 2008 version of the revised math standards, consult the mathematics advisory panel, hold a public hearing to receive comment, and direct any subsequent modifications to the consultant's report. After the modifications are made, the State Board of Education shall forward the final report and recommendations to the OSPI for implementation. (SB 6534) Note: SBE approved adoption of K-8 math standards 4/28/08 and high school on 7/30/08	5/15/08
SBE	Status report on math and science reviews to legislature. (HB 1906)	6/1/08
OSPI	OSPI shall revise the math standards to conform precisely to and incorporate each of the recommendations of the SBE and submit revisions to the SBE. (SB 6534)	7/1/08
SBE	SBE shall approve adoption by SPI of the final revised standards or develop a plan for ensuring recommendations are completed to adopt by 9/25/08. (SB 6534)	7/31/08
OSPI and SBE	Within 30 days of adoption, OSPI and SBE will work together on a Request for Information (RFI) for private vendors or non profits to adapt an existing math curriculum to be aligned with the new standards and make the curriculum available on line at no cost to school districts. (2SHB 2598) Note: Draft RFI has been circulated. OSPI plans to advertise in September, review results in November, and make funding request to 2009 legislature.	8/31/08

Lead Agency	Assignment	Due Date
SBE	Status report on math and science reviews to legislature. (HB 1906)	9/1/08
OSPI	Within six months after standards approval, OSPI shall present to the SBE recommendations for three basic math curricula each for elementary, middle and high school grade spans. (2SHB 2598)	10/28/08 for K-8 1/31/09 for high school
SBE	Within two months after presentation of recommended curricular, provide official comment and recommendations on OSPI proposed math curricular menu. (2SHB 2598)	12/28/08 for K-8 3/31/09 for high school
OSPI	OSPI shall conduct a comprehensive survey of math curricula being used by school districts at all grade levels and the textbook and curriculum purchasing cycle of districts. (2SHB2598)	11/15/08
PESB	PESB shall conduct a comprehensive analysis of math and science teacher supply and demand issues, which include: 1) current number of math and science teachers assigned to teach math and science with and without the appropriate endorsements, 2) projected demand needed by 2010-11, 3) specific recommendations on how the demand will be met, 4) identification of strategies to improve rigor and productivity of state funded math and science teacher prep programs (ESHB 2687- Supplemental budget)	12/1/08
PESB/WSIPP	WSIPP will provide PESB a study on differential pay for teachers in math and science (ESHB 2687- Supplemental budget)	12/1/08
OSPI	OSPI will have new WASL for new K-8 math standards for Spring 2010 (pilot items in 2009)	No legislative deadline
OSPI	OSPI will consult with the SBE to develop end of course (EOC) assessments for Algebra I, Geometry, Integrated I and Integrated II. (ESHB 3166)  Note: Due the adoption of the Math High School Standards in July 2008, OSPI plans to ask the Legislature for a deadline extension on Algebra I and Integrated I EOCs to complete the following year (Spring 2011 rather than the current Spring 2010) when the Geometry and Integrated II are due.	2009/10 school year for Algebra I and Integrated I  2010/11 school year for Geometry and Integrated II  Class of 2013 shall be required to use EOCs to

<b>Lead Agency</b>	<b>Assignment</b>	<b>Due Date</b>
		show they met standard  Class of 2014 shall be required to use EOCs to earn Certificate of Academic Achievement
SBE	Sunset Math panel with its work completed on standards and curriculum reviews. (HB 1906)	6/30/12



# Adopting World-Class Math Standards to Drive Higher Math Achievement in Washington State's K-12 Schools

