



SUPERINTENDENT OF PUBLIC INSTRUCTION

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K-12 MATHEMATICS FACT SHEET STANDARDS – INSTRUCTIONAL MATERIALS - ASSESSMENT Updated September 16, 2008

Mathematics Standards

Math Standards Revision and Adoption

- **2008 Senate Bill (SB) 6534 requires:**
 - State Board of Education (SBE) to use national consultant to:
 - conduct an exemplar review of the February 29, 2008 final draft of the revised K-12 mathematics standards by May 15, 2008; and
 - recommend specific language changes and content changes needed to finalize K-12 standards.
 - By May 15, 2008, SBE reviews above work from national consultant, consults with Math Panel, and holds public hearing; SBE may direct modifications at that time.
 - By July 1, 2008, OSPI to revise the standards according to recommendations outlined by the SBE report.
 - By July 31, 2008, SBE to approve adoption of revised standards by OSPI and/or develop a plan for ensuring recommendations are implemented and standards adopted by September 25, 2008.
- **2008 Revision Schedule:**

	K-8 standards	9-12 standards (Algebra 1, Geometry, Algebra 2, Mathematics 1, 2, 3)
Recommendations from SBE contractor submitted to OSPI for revision	March 2008	June 2008
SBE approval of expert consultant report	April 18, 2008	July 24, 2008
SBE approves for OSPI to adopt standards	April 28, 2008	July 30, 2008

Professional Development (PD)

- **Statewide PD Facilitators:** 300+ individuals and teams have been selected as part of a competitive application process. All PD facilitators will receive five days of training, focusing on the Washington State revised mathematics standards, mathematics content and support with delivering content professional development.
 - **Spring 2008:** Train K-8 PD facilitators
 - **Summer 2008:** K-8 PD facilitators deliver training statewide; 9-12 PD facilitators trained
 - **Fall 2008:** K-12 PD facilitators deliver training statewide
 - **2008-09 School Year:** statewide delivery of training on K-12 standards
- **ESD Mathematics Coordinator Role:** The 9 regional ESD math coordinators will serve as regional leaders to support the facilitators in their regions.
(<http://www.k12.wa.us/curriculum/instruct/mathematics/pubdocs/ESDRegionalMathCoordinatorList.pdf>)
- **State, Regional and District-sponsored PD Opportunities:**
 - All training sessions will be posted on the OSPI [Events Manager](https://eds.ospi.k12.wa.us/EventsManager/Public/Calendar.aspx) calendar (<https://eds.ospi.k12.wa.us/EventsManager/Public/Calendar.aspx>)
 - **All will offer:** * Consistent content ; *consistent materials; *consistent registration fees
- **Training Delivered:**
 - 12,000+ mathematics educators trained as of September 1, 2008

Mathematics Instructional Materials

- **2008 Second Substitute House Bill (2SHB) 2598 requires:**
 - Within six months of the adoption of the revised math standards, OSPI must make recommendations to the SBE of no more than three basic mathematics curricula at each level – elementary (K-5), middle (6-8) and high school (9-12) grade spans.

K-8 recommendations of basic curricula	9-12 recommendations of basic curricula
Required to SBE: no later than October 28, 2008	Required to SBE: no later than January 30, 2009
Comment from SBE required: no later than December 28, 2008	Comment from SBE required: no later than March 30, 2009

- Appropriate diagnostic and supplemental materials to be identified to support recommendations

- **Anticipated Schedule for Instructional Materials Reviews (IMR) and Presentation of Recommendations:**

- Two committees (K-8 and 9-12) of reviewers selected to review basic mathematics instructional materials

Timeline:	K-8 Review and Recommendations	9-12 Review and Recommendations
CONDUCT Core/Comprehensive Review	Review Week: June 22 – 27, 2008	Review Week: November 9-14, 2008
CONDUCT Supplemental Review (K-12)	Review Week: December 7-12, 2008 (subject to change)	
INPUT on Core Review Preliminary Results: SBE Math Panel and Interested Parties	August 14 – September 15, 2008	Early December 2008
PRESENT: Core Recommendations to State Board of Education	September 24/25, 2008	Early January 2009
SBE COMMENT: SBE presents official comment on recommendations to OSPI	November 5/6, 2008	Within 2 months of OSPI presentation of recommendations
FINALIZE CORE RECOMMENDATIONS	Mid-November 2008	Following SBE comment

- **Process for Instructional Materials Reviews:**

Prior to Review	Review Week	Post Review
<ul style="list-style-type: none"> ▪ Publisher communications and notice of review ▪ Develop review instruments ▪ Coordinate venue and reviewer logistics 	<ul style="list-style-type: none"> ▪ Equitable, coordinated publisher check in ▪ Random assignment of programs to reviewers ▪ Reviewer training on Standards and Review Tool ▪ Minimum of 3 independent reviews of each program ▪ Real time data entry ▪ Variance check and corrections ▪ No publisher or public communication 	<ul style="list-style-type: none"> • Validate and process data <ul style="list-style-type: none"> – create data displays of quantifiable data results; compile qualitative data – Review of process and results: statisticians, Math Panel, SBE independent contractor – Finalize report and recommendations – present package to the field • Equitable, consistent, timely communication system implemented • Honor our clients (School Districts, Parents / Community, Legislature)

Mathematics Assessment

WASL Redesign:

- Beginning in spring 2009, OSPI to shorten the WASL and scoring time in elementary and middle grades in mathematics, reading, and science (not writing).
- Shorten the test with fewer constructed response items in grades 3-8 with no changes in high school
- Shorten the number of sessions
 - Fewer number of sessions in Grades 3, 4, and 5 in mathematics and science (from 3 sessions to 2 sessions: therefore districts may reduce the number of days used for test administration)
 - Same number of sessions in Grades 6, 7, and 8 (2 sessions: however, because the test is shorter, districts may choose to reduce the number of days used for test administration)
 - For example, districts may administer the two sessions in one day (administer the entire reading WASL on one day), or administer two subjects on one day (administer one session of the reading WASL in the morning and one session of the mathematics WASL in the afternoon).
 - The State will maintain the same 3 week test window. Districts may decide how to administer the test within the window.

End of Course Assessments:

- OSPI to implement four end-of-course assessments for high school mathematics:

Algebra I and Integrated Mathematics I	Geometry and Integrated Mathematics II
<ul style="list-style-type: none">• Pilot 2009-10• No optional period• Administered statewide 2010-11	<ul style="list-style-type: none">• Pilot 2009-10• No optional period• Administered statewide 2010-11

Graduation Requirements:

- For Class of 2013, students may meet the high school mathematics standard using one of the following:
 - Comprehensive WASL
 - Algebra I and the Geometry EOC assessments
 - Integrated I and Integrated II EOC assessments
- Beginning with the Class of 2014, students must meet the high school mathematics standard using the end-of-course assessments.
- All of the current objective alternative assessments continue to be available.