July 2008

SBE approves and OSPI adopts final new K-12 math standards. SBE adopts third math credit, beginning with Class of 2013.

Fall 2008

OSPI reviews math curricula to assess alignment with new standards and makes recommendations to SBE for curricular menus.

Fall 2008

SBE, its Math Panel and consultant review and comment on recommended top three curricular menus for elementary, middle and high school.

Fall 2008

In consultation with SBE, OSPI will develop a request for information from private vendors for online curriculum.

December 2008

PESB reports on comprehensive analysis of math and science teacher supply and demand issues, as well as, Washington State Institute for Public Policy's differential pay study.

- Lead agency is Washington State Board of Education (SBE)
- Lead agency is Office of Superintendent of Public Instruction (OSPI)
- Lead agency is the Professional Educator's Standards Board (PESB)

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

Curricula

Select math curricula that is appropriate to the revised standards.

OSPI recommends no more than three basic math curricular options each for elementary, middle and high school; SBE will provide feedback. OSPI also examines supplemental materials and proposals for online curriculum at no cost to school districts.

Effective Instruction and Intervention

Expand availability of math intervention courses and materials.

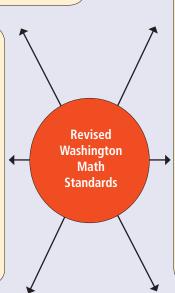
Identify effective intervention programs and strategies.

Data Management

Gather meaningful data to strengthen accountability.

Expand core student record system.

Create teacher credential and placement data system.



Teacher Preparation, Certification & Continuing Education

Improve math teacher recruitment and retention strategies; professional development opportunities; expand "alternative routes" program; revise and adopt endorsement competencies for math teachers; align teacher education math test with new competencies; strengthen teacher preparation programs.

Assessments

OSPI to revise math WASL as appropriate to align with standards and curricula.

2008–2010: OSPI to identify and disseminate formative and diagnostic assessments; pilot of revised Math WASL that aligns with standards and curriculum.

By Spring 2010 (deadline may be revisited) OSPI to develop end of course assessment for Algebra I and Integrated Math I.

By Spring 2011: OSPI to develop end of course assessment for Geometry and Integrated Math II.

For Class of 2014 end of course assessments in math will be used to demonstrate meeting state standards.

High School Achievement

Clarify and strengthen high school math graduation requirements.

Provide opportunities for Juniors to take college placement test.

Provide opportunities to take classes in rigorous math.

Require student learning plans for students not on track to graduate due to WASL scores, credit deficiencies or absences.



