

I. Objective

To develop and recommend a Grade 6-12 Mathematics set of standards that is best for all Missouri students.

II. Organization

Margaret Bangerter, Co-liaison

Tiffany Jones, Co-liaison

Cathy Battles, Facilitator

Anne Gassel, Note taker

Sixteen of seventeen positions are filled. Speaker of the House has been contacted multiple times to fill the remaining vacancy.

III. Progress Report

September Monthly Report

- The HB 1490 Work Group for Mathematics 6-12 met September 22 and September 23, 2014
- After discussion of logistics, focus and purpose, the 12 members present decided to review the following documents*:
 - Curriculum Alignment Initiative (CAI)
 - Common Core State Standards for Mathematics (CCSSM)
 - Massachusetts Mathematics Curriculum Framework 2000
 - ACT College and Career Readiness Standards
 - NCTM Focal Points

*Other sets of standards could be considered for review upon consensus of committee

- Keeping the end in mind, review began with the Curriculum Alignment Initiative (CAI). The group then discussed the Grade 6 Common Core State Standards for Mathematics (CCSSM).
- We met with the K-5 Workgroup for Mathematics and will continue to collaborate with them as it is important to keep coherence between the two math groups.
- An agenda was set for a second set of meetings on October 2 and 3. Agenda items agreed upon include discussion of Grade 5-8 Standards from Massachusetts 2000; Grade 5, 7-8 CCSSM; and the ACT Standards.

October Monthly Report

- The HB 1490 Work Group for Mathematics 6-12 met October 2 and 3, 2014.
- The 12 members present discussed the Massachusetts 2000 Grades 5-6 Learning Standards for Number Sense and Operations; Patterns, Relations and Algebra; Geometry; Measurement; and Data Analysis Statistics, and Probability. The group also discussed the Grade 7-8 Learning Standards for the same categories. Notes were recorded for likes, dislikes, questions and suggestions.
- Grades 6-8 CCSSM were reviewed noting preferences in organization and content to Massachusetts 2000. The workgroup agreed to accept the work discussed as a plan for a first draft for Grades 6-8. It was also agreed that the two aforementioned documents will be used to draft a recommendation of standards that are best for all Missouri students.

- Work began for high school standards by reviewing the CCSSM Conceptual Categories of Number and Algebra. Discussion included reference to the correlating Massachusetts 2000 Grades 9-10 Learning Standards. Work will continue on the high school standards for Algebra I, geometry and Algebra II on October 20, 2014.
- Future meeting dates were agreed upon: January 30, February 27, March 23, and May 26, 2015.
- The HB 1490 Work Group for Mathematics 6-12 met October 20, 2014
- The 14 members present continued to discuss the CCSSM Conceptual Categories of Algebra and Functions, in conjunction with the Massachusetts 2000 Standards. Work began on standards for Geometry. ACT Standards were reviewed.
- It was agreed to form four subgroups to continue working on draft plans for the recommended standards. The groups are 6-8 Math, Algebra I, geometry, Algebra II. The work of each group will be brought back to the January 30 meeting for review and discussion before being acted upon.

Consensus has been reached on draft plan of 6-8 Math Standards for all students based on Massachusetts 2000 and CCSSM.

We estimate about 25% of the Work Group's work may be done.

IV. Remaining Steps

Future meetings - January 30, February 27, March 23, and May 26, 2015
Reach consensus of standards to recommend

V. Obstacles

Organization of standards to be mindful of outside groups
Uninterrupted time to work
Cost incurred by members of the group for mileage, lodging, meals and cost of substitutes

VI. Other issues

We have met and collaborated twice with the K-5 Math Work Group. We have also tried to make contact with the Science Work Group. Continued collaboration will be important for coherence of the recommended standards.

Should our work incorporate assessment concerns, i.e. can standards be included that will be assessed locally?