Proposed Plan to Update ICAS Math Competencies

Goal: Replace references to California Mathematics Standards with Common Core State Standards (CCSS)

The crosswalk among ICAS' recommendations, the old California standards, and the National Council of Mathematics Teachers Standards is found in Appendix B of the 2010 math competency document. A workgroup should be convened to replace the old California standards with the new CCSS Mathematics Standards. Further, a paragraph for standards of mathematical practice should be added on page 6, and both content and practice standards should be included in Appendix B. Also recommended for updating is the format in which topics are identified for STEM majors. Currently, the document utilizes a strikethrough approach to indicate topics that can be eliminated, and the recommendation is to replace that format with the "+" as used by CCSS.

Recommended Work Group:

Faculty who previously participated in the 2010 competency statements as well as representatives from each segment are recommended to participate in the update. A participant from CDE is also welcome.

Bill Jacob (past author, UC)

Joe Fielder (past author, CSU)

Phil Smith (CCC)

Beth Smith (CCC)

Heather Dallas (K-12)

CDE Representative

Timeline:

October 2012 - using phone conferences, bring the work group together to assign sections of the Appendix B to the members of the group. Provide guidance to the group on what the finished product will contain.

Early January 2013 - Work group submits drafts for compiling.

Late January 2013 - Final draft is reviewed by selective parties in all segments, especially K-12 teachers, for accuracy, and then submit to ICAS.