

Math Standards Review Work Group Meeting

Date: July 12, 2016
Location: Capitol Lake Visitor Center
Time: 10:00 a.m. - 4:00 p.m. and 4:00 p.m. - 5:00 p.m. Table Lead Meeting

Objectives:

- Employ effective strategies to communicate and work as a team to revise the South Dakota Math Standards.
- Understand the standards [review process](#), priorities, and [timelines](#).
- Use the [Elements of Quality Standards](#) to guide grade level discussions and revise the mathematics standards for South Dakota
- Use the documents, research, and resources in the shared Google folder to inform the k-12 math standards revision work.

At the conclusion of our last meeting on June 21st, workgroups summarized their progress, prioritized work that was yet to be completed, and created a plan for work during the July 12th meeting. Several workgroups, including Algebra I/II, Geometry, 4th Year Math, and 4th Grade Math started their day at 8:30 a.m. in order to review and refine their final standards before working with all k-12 participants. All other workgroups came at 10:00 a.m. in order for the whole group to be together to complete the final k-12 vertical reviews.

Before beginning the major work of the day, participants reviewed the priorities of the work, previous progress, the importance of vertical alignment and connections, and the Elements of Quality Standards. Participants were also reminded of the [timeline](#) set by the state for the entire revision process, including review, feedback, adoption, and implementation of the standards. There were a few major areas of focus for the work that was completed on this day, including a final Geometry vertical alignment, a final Fractions and Number System vertical alignment, and a full review of the Standards for Mathematical Practice.

The review of the Standards for Mathematical Practice required the most discussion and collaboration for the day. Most of the discussion centered around the effective use of examples in order to clarify the Standards for Mathematical Practice, while carefully respecting the structure that helps those eight standards guide student learning, engagement, and actions across all grades. Participants agreed that there needed to be more research before any revisions could or would be made. Work will continue with table leads (mostly through virtual collaboration) to come to a final consensus for any revisions in examples or content.

The end of the day included time for each workgroup to review and finalize their grade level standards documents to make sure that all documentation was complete, aligned to the vertical document, and ready to be posted on the state website for all stakeholders to review for feedback. There is still some work that will be completed through virtual collaboration, including creation of a glossary, finalizing introductions, and finalizing the Standards for Mathematical Practice.

The workgroups are looking forward to the presentation of the math standards across the state and the feedback that will continue to inform the next steps in this important work. When the meeting ended, there were feelings of great accomplishment and pride in the process, collaboration, and product. All who were involved were essential to the progress made in creating math standards that are rigorous, coherent, and focused and will best serve the learning needs of all students in South Dakota. The dedication of the participants is to be commended.