



CMC-S CCSSM Committee Report, January 24, 2013

At the April 6, 2013 meeting of the Committee the following

1. Discussed specific needs at each level represented by members of the Committee, with a focus on equity.
2. Selected a specific alternative tasks to use with a Common Core Circles Event for a second presentation, such as at CMC-S's Conference in November
 - a. The task is from the domain of probability and statistics and has versions for various grade spans.
3. Developed a second Common Core Circles Event, this time focusing on the actual selection of a task and concentrating our efforts on the mathematics inherent in the number line.
 - a. Established number line activities at various grade levels. (Special thanks to Greisy Winiki Landman who has developed a lot of materials on this topic.)
 - b. Formalized our adaptation of Peg Smith's Thinking Through a Lesson Protocol and our adaptation of NCTM's definition of a worthwhile math task.
 - i. Is built around Important, useful mathematics
 - ii. Requires higher-level thinking and problem solving
 - iii. Contributes to the conceptual development of students
 - iv. Provides formative assessment opportunities
 - v. Allows for multiple entry points and solution strategies
 - vi. Allows for multiple claims for which evidence can be provided
 - vii. Encourages student engagement and discourse
 - viii. Connects to other important mathematical ideas and/or ideas in other disciplines
 - ix. Promotes the skillful use of mathematics
 - x. Provides an opportunity to practice important skills
 - xi. Displays sensitivity to and draws on students' diverse background experiences & dispositions
 - xii. Promotes the development of all students' disposition to do mathematics
4. Reported on additional presentations of a Common Core Circles Event. Those of which we are aware are listed below:
 - a. Region X Algebra Forum Mathink (March. 30, 2013)
 - b. UC Irvine (May 18, 2013)