

1106-97-1882 **Hugo Rossi*** (rossi@math.utah.edu), 615 Twelfth Avenue, Salt Lake City, UT 84103. *The Flow of Mathematical Concepts in Grades 6-8.*

Working with Teachers and Math Specialists in the School Districts on the preparation of class materials for grades 7-8, one can learn about the structure of the the development of concepts in the CCSS. The three main strands developed in these grades in an intuitive way are Functions, Transformational Geometry, Statistical Thinking. For middle school teachers, these topics are new and the development often surprising. Exploring how to transform the standards into curriculum, and that curriculum into classroom learning has been a difficult, interesting and rewarding experience for all of us. I plan to give a survey of several topics that enriched our meta-understanding of mathematics. (Received September 15, 2014)