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William McCallum* (wmc@math.arizona.edu), Department of Mathematics, The University of Arizona, Tucson, AZ 85721, and **David Jabon, Carolyn Narasimhan, Al Cuoco** and **Helen Quinn**. *Standards for practice in the mathematics and science standards: a discussion*. Preliminary report.

The K-12 Common Core State Standards for Mathematics are comprised of standards for mathematical content and for mathematical practice. The practices they describe are supported by mathematical habits of mind. The National Research Council's Framework for K-12 Science Education, which will be the basis for the Next Generation Science Standards, describe scientific practices, some of which are the same or similar to mathematical practices. Each talk in this session focuses on these practices, and how teachers can be supported in helping their students to achieve the related standards. At the end of the session, the speakers and the audience will have an opportunity to discuss the talks and related issues. (Received September 26, 2012)