Designing robust conversations is a key part of a powerful mathematics class. Educators are charged with developing students who are able to formulate, analyze, justify, and critique mathematical thinking. Knowledge from two decades of research has contributed to a framework that will strengthen teaching and learning. The Eight Mathematical Teaching Practices is a framework of high-leverage practices and essential teaching skills, which truly promote deep learning of mathematics. In this session, Peg will connect the Eight Mathematical Teaching Practices to the 5 Practices for Orchestrating Productive Mathematical Discussions. The 5 Practices are a road map that teachers use before and during a lesson to achieve high-demand learning objectives. These make student-centered approaches to mathematics more manageable and accessible for teachers. Participants will engage in and examine rich tasks and consider how the framework and the practices will be implemented in the classroom.

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