Figure 2.13

Mathematical Practices Lesson-Planning Tool

Unit: **Date:** **Lesson:**		
Essential learning standard: List the essential learning standard for the unit addressed by today's lesson.		
Learning objective: As a result of class today, students will be able to . . .		
Essential standard for Mathematical Practice: As a result of class today, students will be able to demonstrate greater proficiency in which standard for Mathematical Practice?		
Formative assessment process: How will students be expected to demonstrate mastery of the learning objective during in-class checks for understanding, teacher feedback, and student action on that feedback?		
Probing Questions for Differentiation on Mathematical Tasks		
Assessing Questions (Create questions to scaffold instruction for students who are "stuck" during the lesson or the lesson tasks.)	**Advancing Questions** (Create questions to further learning for students who are ready to advance beyond the learning standard.)	
Tasks (Tasks can vary from lesson to lesson.)	**What Will the Teacher Be Doing?** (How will the teacher present and then monitor student response to the task?)	**What Will the Students Be Doing?** (How will students be actively engaged in each part of the lesson?)
Beginning-of-Class Routines How does the warm-up activity connect to students' prior knowledge, or how is it based on analysis of homework?		

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Task 1 How will the students be engaged in understanding the learning objective?		
Task 2 How will the task develop student sense making and reasoning?		
Task 3 How will the task require student conjectures and communication?		
Closure How will student questions and reflections be elicited in the summary of the lesson? How will students' understanding of the learning objective be determined?		

Source for standards: National Governors Association Center for Best Practices & Council of Chief State School Officers. (2010). Common Core State Standards for mathematics. *Washington, DC: Authors. Accessed at www.corestandards.org/assets/CCSSI_Math%20Standards.pdf on February 7, 2014, pp. 6, 26.*

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