

Manhattan Beach Unified School District
November 10, 2014
UCLA Center X – Mathematics Project

Goal: Share strategies that

- 1) increase student math discourse in the classroom
- 2) allow for students to articulate their thinking in the classroom
- 3) allow teachers to facilitate a lesson while students share their problem solving strategies

Agenda:

- 1) POD: Posing a problem to students where they can share multiple strategies for solving.
- 2) Extended Name Tag: Sharing community building instructional strategies that increase student achievement
- 3) Sharing and Connecting to the Standards of Math Practice
- 4) Tools:
 - a) Four steps Towards Productive Math Discussion
 - b) Art of Questioning
- 6) Get it Together: Number Shapes Collaborative Activity
- 7) Triangle Surrounded by Squares: Modeling teacher facilitation as students develop content knowledge.
- 8) Strategy and Activity Harvest: What are you committed to trying in your classroom?
- 9) What is your teaching philosophy?