



San Diego Math Network
Bridging the Transition from Elementary to Middle School

Workshop 2: Algebraic Thinking - Making Sense with Multiple Representations

December 3, 2016
8:00 am – 3:00 pm

CC Content Focus: Operations & Algebraic Thinking/Expressions & Equations/Functions

Foregrounded Math Practices:

- #5 Use appropriate tools strategically.
- #4 Model with mathematics.
- #7 Look for and make use of structure.
- #8 Look for and express regularity in repeated reasoning.

Workshop Goals:

1. Explore ways to bridge the elementary to middle school math experience.
2. Develop relationships within the SD Math Network as we do math together.
3. Develop a vertical vision of the specified Common Core Content Standards and the Standards for Mathematical Practice.
4. Deepen our understanding of how multiple representations help students make sense of mathematics.
5. Plan for co-teaching a math lesson.

Agenda:

8:00 Opening

Session I: Making Sense with Multiple Representations – The Border Problem

Session II: Connecting Representations – Growth Patterns

12:00 LUNCH

Session II continued ...

Session III: Modeling to Making Sense of Expressions - Expression Match-Up

Session IV: Co-Planning a Math Experience

Reflections

Looking Ahead & Course Feedback

3:00 End

Next Workshop: January 7, 2017