



San Diego Math Network

Workshop 3: Geometry

January 7 and January 11, 2017

8:00 am – 3:00 pm

Content Focus: Geometry

Foregrounded Math Practices:

- #3 Construct viable mathematical arguments and critique the reasoning of others.
- #4 Model with mathematics.
- #7 Look for and make use of structure.

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 Common Core Geometry Standards and the Standards for Mathematical Practice.
4. Deepen our geometry content knowledge and add to our instructional strategies for helping all students develop spatial reasoning and an understanding of concepts related to geometry and measurement geometry.
5. Consider ways to facilitate productive math discourse.

Agenda:

8:00 Opening

Session I: Debrief Algebra/Number Talks Experiences

Session II: Explore the Geometry of 2-Dimensional Figures

Session III: Explore the Geometry of 3-Dimensional Figures

11:30 – 12:30 LUNCH

Session III continued ...

Session IV: Continue 2D & 3D Geometry focus in the context of a Math Workshop Structure

Session V: Co-Planning a Geometry Task for Your Students

Reflections – Small Group Conversations

Looking Ahead & Course Feedback

3:00 End