**TEAM REPORT**

# PRIME+ 2014-2015 Research Lesson

Lesson Title:

Team Members:

PRIME PLUS Site:

As a team, please complete this report and submit it to your site director/facilitator prior to PRIME Plus Day 6.

**CCSS MATHEMATICAL GOALS FOR THE RESEARCH LESSON:**

**CCSS MATHEMATICAL PRACTICE GOALS FOR THE RESEARCH LESSON:**

**PART 1: SELECTING AND SETTING UP A MATHEMATICAL TASK**

What evidence do you have that your lesson achieved your CCSS Mathematical content goals?

What evidence do you have that your lesson achieved your CCSS Mathematical Practices goals?

What anticipated and unanticipated solution paths did you observe?

**PART 2: SUPPORTING STUDENTS’ EXPLORATION OF THE TASK**

As students worked independently or in small groups, what questions did you ask:

* + to help a group get started or make progress on the task?
  + to encourage *all* students to share their thinking with others or to assess their understanding of their peer’s ideas?

# **PART 3: MONITORING, SHARING, AND DISCUSSING THE TASK**

What were the teacher’s insights in monitoring student work? What were observers’ insights in monitoring student work?

Which solution paths were selected to share during class discussion? How were they sequenced? How effective was that selection and sequencing in accomplishing your mathematical goals?

What specific questions were asked to support students to make sense of the diverse ways the task could be solved?

What specific questions were asked to support students to expand on, debate, and question the solutions being shared?

What specific questions were asked to support students’ making connections between the different strategies that were presented?

What revisions would you make to increase the effectiveness of the lesson in meeting your mathematical content and practice goals?

What insights did you draw regarding student learning?

Adapted from: Smith, M.S., Bill, V., & Hughes, E.K. (2008). Thinking through a lesson: Successfully implementing high-level tasks. *Mathematics Teaching in the Middle School, 14,* 132-138.