**TEAM REPORT:** PRIME+ 2013-2014 Research Lesson

Lesson Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Course: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Team Members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

School: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PRIME PLUS Site: Macomb Intermediate School District

As a team, please complete this report during the debriefing sessions. The PRIME facilitators must submit this report to Fredi Frost at frostf@resa.net and your site director/facilitator prior to PRIME Plus Day 6.

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| **1. CCSS MATHEMATICAL GOALS for the Research Lesson:** |
| **2. CCSS MATHEMATICAL PRACTICE GOALS for the Research Lesson:** |
| **PART 1: SELECTING AND SETTING UP A MATHEMATICAL TASK**1. What evidence do you have that your lesson achieved your **CCSS Mathematical content goals**? |
| 2. What evidence do you have that your lesson achieved your **CCSS Mathematical Practices goals**?  |
| 3. 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:A. To help a group get started or make progress on the task? |
| B. To encourage *all* students to share their thinking with others or to assess their understanding of their peer’s ideas?  |
| 2. 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? |
| 3. What specific questions were asked to support students to **make sense of the diverse ways** the task could be solved? |
| 4. What specific questions were asked to support students to **expand on, debate, and question the solutions** being shared? |
| 5. What specific questions were asked to support students’ **making connections** between the different strategies that were presented? |
| 6. What **revisions** would you make to increase the effectiveness of the lesson in meeting your mathematical content and practice goals? |
| 7. 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.