**HOST** - PRIME Math Lesson Planning and Reflection Tool

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| Pre Observation Notes: Lesson topic and Standards: **Anticipating** (Prior to Observation) | |
| What are the mathematical goals for this lesson? *What is it you want students to know, understand, and be able to do as we result of this lesson?*  *What might be the student evidence of learning this goal?* |  |
| Which of the standards for Mathematical Practices are to be addressed in the lesson? |  |
| What questions might you ask to help students make sense of the mathematical ideas you want them to learn and to hold them accountable?  *What might be some ways you will engage students in explaining, sharing and analyzing the thinking of others?* |  |
| What might be some of the possible solution paths you anticipate?  What might be some misconceptions the you anticipate? |  |
| Supporting Students’ Exploration of the Task: **Anticipating**  (Prior to Observation) | |
| In what ways will the students EXPLORE this task? |  |
| In what ways will you engage students in exploring and learning? |  |
| What might be some questions you ask to help get groups started or to make progress on the task? |  |
| *What were some ways you will encourage and engage all students in explaining, sharing and analyzing the thinking of others?*   * + **Asking students to restate someone else’s reasoning**   + **Asking students to apply their own reasoning to someone else’s reasoning** |  |
| Sharing and Discussing the Task: **Anticipating** (Prior to Observation)  *In what ways might you orchestrate the class discussion so students could accomplish the mathematical goals?* | |
| Which solution strategies do you hope students might choose? | |
| **Monitoring:**  1. In what ways do you plan to monitor the students actual responses to the task?  **Selecting:**  2. What will you do if the solution strategies you envision are not present in the student work?  **Sequencing:**  3. What sequence do you hope to share the selected strategies?  **Connecting:**  4. In what ways do you hope to facilitate connections between the learning target and the student work? In what ways might you connect student work to student work? |  |
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**Post Lesson Noticings and Wonderings: (Fill out after the lesson, Share When Group is Ready)**

1. Thinking about your lesson/task, and the mathematical goals, what are some areas you feel were most successful? What specific evidence did you notice?
2. Thinking about your lesson/task, and the mathematical goals, What are some areas you feel were most challenging? What specific evidence did you notice?

1. Thinking specifically about the lesson/task, in what ways does this compare to what you had planned or envisioned?

**Fill out AFTER the conversation from above!**

1. Based on the previous conversation, what might be items to tweak for the next presentation of the lesson? (Everyone List Items, Round Robin Share, Everyone Take Notes)

1. The **HOST** will choose manageable items to focus on from question 4. Write the item(s) to tweak in the space below.

Make a plan for revision. Keep in mind the *5 Practices for Orchestrating Discussion* and what is **best for students**. What resources might you need to execute the plan of revision? Make a plan! (Take notes in the space below)

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1. Thinking specifically about the lesson/task, in what ways does this compare to what you had planned or envisioned?

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Reflection**

**Individually Complete and Bring to PRIME**

1. **Implications**
   1. Thinking about today, how has your thinking changed?
   2. What might this mean for your own teaching and learning?
2. **Next Steps**
   1. What might be your next steps for teaching and learning changes within your classroom?
   2. What is your 1 take away that you will implement into your own teaching and learning today or within the next week?