

## 5 Practices Monitoring/Circulation Chart

*Adapted from The Five Practices in Practice: Successfully Orchestrating Mathematics Discussions in Your High School Classroom, Smith, Steele, Sherin, Corwin 2020,  
Used in CPM's Building on Discourse Learning Event*

**Lesson:**

| <p style="text-align: center;"><b>Anticipate Strategies</b></p> <p style="text-align: center;">Anticipate the various strategies/methods students will apply to arrive at the solution.</p> | <p style="text-align: center;"><b>Assessing Questions</b></p> <p style="text-align: center;"><i>(Ask these when circulating during the lesson.)</i></p> | <p style="text-align: center;"><b>Advancing Questions</b></p> <p style="text-align: center;"><i>(Ask these when circulating during the lesson.)</i></p> | <p style="text-align: center;"><b>Who/Observation</b></p> <p style="text-align: center;">Which student/team is using the strategy?<br/><br/><i>(Be mindful of creating equitable practices)</i></p> | <p style="text-align: center;"><b>Order</b></p> <p style="text-align: center;">Sequence strategies aligned with the learning goal</p> |
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## Anticipating Student Strategies for Sequencing cont.

| <b>Anticipate Strategies</b><br>Anticipate the various strategies/methods students will apply to arrive at the solution. | <b>Assessing Questions</b><br><i>(Ask these when circulating during the lesson.)</i> | <b>Advancing Questions</b><br><i>(Ask these when circulating during the lesson.)</i> | <b>Who/Observation</b><br>Which student/team is using the strategy?<br><i>(Be mindful of creating equitable practices)</i> | <b>Order</b><br>Sequence strategies aligned with the learning goal |
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## Connecting

Connecting involves helping students relate strategies/ideas to the lesson goal(s) and see relationships between different solutions. Your questions will help make the connections visible to the presenter and to the class.

| Selected Strategy  | Points of emphasis for the selected strategy | <b>Connecting Questions</b><br><i>What questions will make the mathematics visible?</i><br><i>What questions will help students connect the different solution strategies?</i>   |
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| Pocket Questions (generic)   |  | Specific Questions for specific strategies<br>(target the key concepts of the activity)  |
| <ul style="list-style-type: none"> <li>● How are these strategies similar?</li> <li>● What do all strategies have in common?</li> <li>● How are those strategies different?</li> <li>● Do they build upon each other in any way?</li> <li>● What are the powerful math ideas connecting in our sharing?</li> </ul> |  | <ul style="list-style-type: none"> <li>● How does this approach help us answer the question we are working on?</li> <li>● Where does this idea fit with what we are trying to figure out?</li> <li>● How do these various strategies lead to the same answer?</li> </ul> |