

Math Chat Walkthrough



Use this document to monitor your implementation of Math Chats in the classroom. It also serves as a supporting document for teachers as they plan to integrate Math Chats into the classroom. The document is divided into three sections: (1) Learning Environment, (2) Student/Teacher Interactions, and (3) Accountability. Look-Fors provide a quick checklist to support a successful implementation. Included in this document are suggested strategies to support implementation.

Learning Environment		
Look-Fors	Strategies	Notes
<ul style="list-style-type: none"><input type="checkbox"/> Math tools and resources readily available<input type="checkbox"/> Teacher monitoring students during play<input type="checkbox"/> Teacher monitoring students during discussion<input type="checkbox"/> Use of strategies to keep students engaged<input type="checkbox"/> Students leading the discussion<input type="checkbox"/> Students working in whole and small groups (2+)	<ul style="list-style-type: none">● As students are playing ST Math games, observe the strategies they are using, and ask questions to facilitate their thinking.● Use strategies like pair share, round-robin, voting, revoicing, etc. to keep all students engaged during the puzzle discussion.● Provide opportunities for students to share their ideas.● Explore student ideas (correct/incorrect) that will further math understanding.	

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Student/Teacher Interactions		
Look-Fors	Strategies	Notes
<ul style="list-style-type: none"> <input type="checkbox"/> Student-to-student discourse <input type="checkbox"/> Student-to-teacher discourse <input type="checkbox"/> Various students sharing strategies <input type="checkbox"/> Teacher facilitating student thinking <input type="checkbox"/> Math connections are being made <input type="checkbox"/> Testing different strategies and analyzing feedback 	<ul style="list-style-type: none"> • Encourage students to share their ideas, and check and challenge each other during student to student conversations. • Use the strategies in the Math Chats Guide to facilitate student conversations. • Connect the math in the puzzles to classroom lessons. 	
Accountability		
Look-Fors	Strategies	Notes
<ul style="list-style-type: none"> <input type="checkbox"/> Students are thinking and problem-solving <input type="checkbox"/> Examine and discuss mistakes in whole group or small group <input type="checkbox"/> Students revisit/refine solutions <input type="checkbox"/> Engaging in activities that extend thinking 	<ul style="list-style-type: none"> • Purposefully plan additional questions that require the students to be the ones thinking and problem-solving. • Respond to student questions with another question that promotes their thinking. • Engage students in discussions around mistakes and incorrect strategies to further student learning. • When examining the feedback, focus on what happened and how that relates to the strategies students used. Did what they think would happen, happen? How will they refine their strategy? • Use the discussion around the conclusion questions as an opportunity to apply what they learned and make connections. 	