

**Appendix A: Planning Template for Open Strategy Sharing Discussion**

<b>Open Strategy Sharing</b>		
<b>Problem to pose</b>		
<b>Why I chose this problem</b>		
<b>Opening the lesson</b>		
<b>How might my students solve this problem?</b>	<b>Who solved it this way?</b>	<b>Who should share today?</b>
<b>Notes to myself about what I'm looking for</b>		
<b>Other strategies that emerged during the lesson</b>		
<b>Closing the lesson</b>		

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**Appendix B: Planning Template for Compare and Connect Discussion**

<b>Compare and Connect</b>	
<b>Strategy 1</b>	<b>Strategy 2</b>
<b>What connections are important for students to notice?</b>	
<b>Supporting Students' Thinking</b>	
<b>What students might notice</b>	<b>How I might respond to support their thinking</b>
<b>What is the key mathematical idea I want to highlight?</b>	

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**Appendix C: Planning Template for Why? Let's Justify Discussion**

<b>Why? Let's Justify</b>	
<b>What mathematical strategy or idea are we targeting in our discussion?</b>	
<b>What is the explanation I want students to come up with?</b> (Include sketch of any representations that might be helpful for the explanation.)	
<b>Supporting students' thinking</b> (If students say this . . . then I may ask them this to work toward stronger justification.)	
<b>What students might say</b>	<b>How I might respond</b>

**Appendix D: Planning Template for What's Best and Why? Discussion**

<b>What's Best and Why?</b>
<b>What is my goal? What strategy(ies) am I highlighting?</b>
<b>What tasks/problems help us discuss what is best and why?</b>
<b>What would I like to hear from my students?</b>

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**Appendix E: Planning Template for Define and Clarify Discussion**

<b>Define and Clarify</b>
<p><b>What new tool, representation, symbol, or vocabulary are we targeting in our discussion? Is this new to the students or are they using it in a new way?</b></p>
<p><b>What problem or task are we working on? How will I support meaning making? What partial understandings might arise?</b></p>

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**Appendix F: Planning Template for Troubleshoot and Revise Discussion**

<b>Troubleshoot and Revise</b>
<b>What is the confusion or misunderstanding we will discuss and revise?</b>
<b>What is the insight I'd like students to understand?</b>
<b>Problem context, diagrams, or questions that might be useful to use during the discussion</b>
<b>Exit ticket</b>

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