

Handout: Contribution Starters

Contribution Starter	Specific instance from video or student work	Connection to focus questions
<ul style="list-style-type: none"> • I noticed... • I wondered... • I was surprised by... 	<ul style="list-style-type: none"> • <i>student's reasoning</i> • <i>teaching move</i> • <i>math problem</i> 	<p>...It made me think about</p> <ul style="list-style-type: none"> • <i>a particular mathematical practice or topic</i> • <i>establishing and maintaining a learning environment</i> • <i>students' thinking</i> • <i>other</i>

Contribution examples:

I noticed:

- The method that the first student shared in the video. It made me think about why she chose the representation that she used.
- The questions the teacher was asking as the student was sharing. It made me think about all that goes into supporting students when they share their reasoning.
- That the handout with the math problem had several questions. It made me think about other questions that might support student reasoning.

I wondered:

- About phrasing of the math problem. It made me think about how specific words can impact what students do.
- About how the use of the document camera. It made me wonder about the other media that could be used and tradeoffs involved.
- What other students in the video would have said about her explanation.

I was surprised by:

- The second student's justification. I thought that he was going to say...
- How the student in the back of the room responded to your question. I didn't think of the connection that the student made.
- The students' questions about the problem. I thought that they might have other questions like...