

## Connection in the session: Between participant thinking and a representation

<u>Representations in my Teaching</u> In class, our current Unit focuses a lot units of measure in both the metric system and the U.S. customary system. Based on MEAP data that I have separated based on concepts, this is an area where students struggle. I like to use a lot pictures of objects as representations the actual units. For example, I have large posters up in the room displaying the following: U.S. Customary Metric ounce = ] slice of bread 1 kilogram = () tob of peanut loaf of 1 pound = bread These representations for units of weight help the students to envision how heavy each unit of weight is, and it also makes it easier to compare the 2 systems of measure with each other. My students from school that return to visit have middle still using these pictures as representations. mentioned

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Representing and Comparing Fractions in Elementary Mathematics Teaching **Session 2 Resource** 

Another representation that I use for capacity is below:	
This representation helps to make the connection between the various units of capacity. It also supports the math that is involved in making conversions between units of capacity.	

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