Math Lesson

Lesson Title: Which Flavor Milk for Lunch
Content Standard: 2..MD.D.10: Represent and interpret data-Draw a picture graph and a bar graph…solve simple …problems… Grade Level: 2
Materials: four cups, craft sticks with student names, construction paper, plain paper, graph paper, inch tiles, 5-step Process form
Shared Experience and procedure details: "In our cafeteria, we have different flavors of milk, but sometimes they don't have your favorite flavor. I wonder what causes that problem?" (take ideas) Have them think on their own, then, at their table, talk about the question and how they could create something that would help the ladies see what our class wants and decide what they could use to create it. When they are ready, invite them to send one person to get materials. Possible methods: picture graph, bar graph, sorting and grouping in circles, random less clear models. Possible questions: How have you decided to show the information? How will this help the ladies? What is most important for them to know?
Prediction of Possible Pictures: Students will draw their product and/or themselves working. Choose three of the models to share and have students explain, then ask students to share their responses.
Prediction of Possible People Talk: possible conclusions, description of the process; numbers, names, rows, pictures, more, less
Feature Talk: Post shared models, "Compare these and let's share our thinking about which things need to be included for our friends in the cafeteria to get the information that they need. Feature words: graph, picture, numbers, title, compare, greater than, less than
Prediction of Possible Symbolic Representation: Using numbers and symbols, show what is important to include when you are thinking about sharing information like this.