Name: ______________________

Engage: Making Sense of Milk

Background
In this activity, you will wonder about the composition of milk and draw an initial model of your idea.

Engage
1. Do the best you can to answer the following questions on your sticky notes. Each question will have one sticky note. Even if you do not know the answer, try!
   a. What chemicals do you think might be found in milk?
   b. How might the chemicals affect the color of the milk?
   c. Why is milk white?
   d. Do you think all milk has the same color? Explain.

2. When your teacher gives you the signal share and discuss your answer with your elbow partner. You and your partner will need to agree on the best answer, and have one answer on one sticky note for each question.

3. Then place your team’s answer under each question on the board.

4. Based on the answers that are shared on the board, make a list of what chemicals your class think is found in milk:

5. What do you think each substance looks like? Draw a shape for each chemical in your list. (Again, TRY! You are doing great!)

6. Make a list of questions that your class is wondering about that are focused on the composition of milk: