Pressure in a Jar

Part 1: Prediction
1. Predict what will happen to the water in the clear tube when the jar is squeezed.

Part 2: Explore the jar
2. Construct a bottle-in-a-jar pressure indicator. Give it a squeeze. What happens?

3. Why do you think it behaves that way? Think about particles in your explanation.

4. If you reduced the air pressure in the jar, what would happen to the level of water in the clear tube? Why? Think about particles.

5. On the next page in your notebook, draw the bottle-in-a-jar pressure indicator before and after adding pressure. Use arrows and labels in your diagram.