Considering Molecules and Phase Change

Safety Note: Using Hot Water
- Be careful around hot water and heating elements. Avoid splashing and protect your eyes as needed.

In the last lesson, we investigated the appearance of a substance when it changes phase. Today, we will complete an activity that will allow us to observe one or more phase changes. Read the instructions below. Then, complete this activity.

Setup Instructions
- Make sure the foam cup is filled with hot water. It should be one-quarter full.
- Take the plastic cup and turn it upside down. Place it on top of the foam cup.
- Observe any phase changes that occur, using the provided magnifying glasses as needed.
- Answer the questions below.

What did you observe happening in the cups?

Did a phase change or phase changes occur? If so, which one or ones?