We will be spending this course studying thermodynamics, which is the branch of physics that deals with the physical properties of matter and the laws that govern the properties of matter. Today we will be discussing what *kinds* of properties matter can have.

Imagine pouring yourself a cup of water. Then in your small groups brainstorm a list of all the properties that particular blob of water might have. Please limit yourselves to properties of the *water itself*, omitting any properties of the cup or the room around you.

Drinking half If you drink half of your glass of water (feel free to do so), how will each of your properties change for the water that remains in the glass?