

Student Activity 7: Solid, Liquid, or Gas?

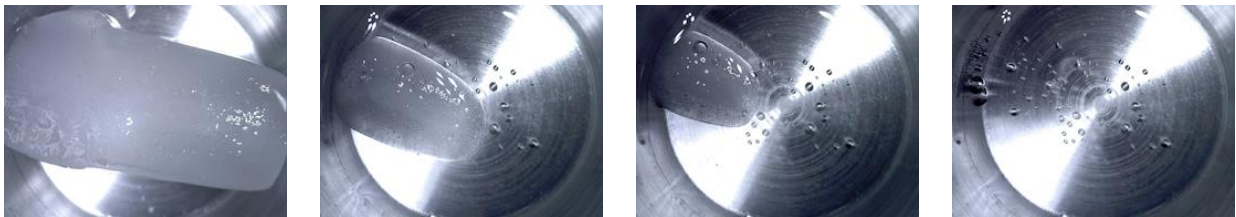
Let's explore the different states of matter using Flexi-Scope.

What is water? Water is a liquid.

Can water become a solid? Yes, when it freezes.

Can water become a gas? Yes, when it is heated. It becomes steam, or water vapor.

Watch an ice cube melt over time using Flexi-Scope.



Think of a food that changes when you heat it? What about popcorn? Does its state change when you heat it? No, it is still a solid, but a physical change occurs.

What happens when a kernel pops? The moisture inside the kernel turns into steam, which is a gas (a different state of matter). The heat causes the kernel to explode and turn into a fluffy shape.



Think of other objects that state when heated or cooled. Look at them using Flexi-Scope.