

Name: \_\_\_\_\_

## Solid, Liquid, and Gas

The three states of matter are solid, liquid, and gas. The molecules of a solid are close together and moving slowly or not at all. If you add energy, the molecules begin to move faster and further apart. This change in energy causes a change in the phase of matter to liquid. In a liquid, the molecules dance excitedly, spacing themselves out. If you add more energy, the molecules move even faster, spacing themselves out even more. This change in energy causes a change in the phase of matter to gas.

