

# States of Matter

1. Classify the images according to the state of matter.



| Solid | Liquid | Gas |
|-------|--------|-----|
|       |        |     |
|       |        |     |

2. Match the state with its property.

liquid

Can hold its shape. Molecules are very close together.

gas

Can flow or be poured easily.  
Molecules flow around each other.

solid

Are often invisible. Do not have a fixed shape. Molecules fly in all directions.

# States of Matter

**3. Watch the experiment and answer the questions.**

**What is the liquid in the experiment?**

**What is the solid in the experiment?**

**How was the gas produced in the experiment?**

**What would you think would happen to the balloon if you added more vinegar and baking powder?**

**What do you think will happen if we add less vinegar and baking powder?**