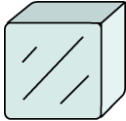

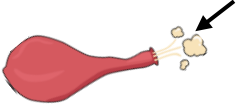


# Solids, Liquids and Gases

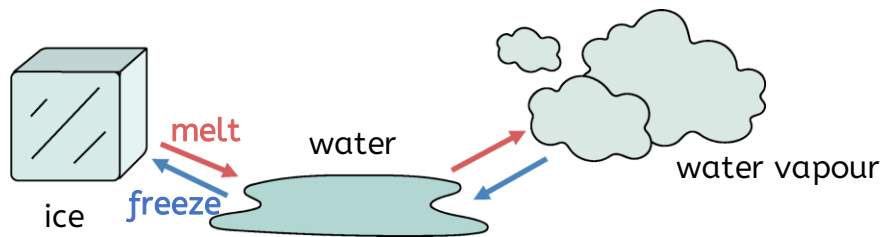
## 1. The big picture

**Matter** is what everything is made of. Matter exists in one of three states: **solids**, **liquids** and **gases**.

## 2. Properties of Solids, Liquids and Gases

	 solids	 liquids	 gases
They have a fixed shape (unless pushed or pulled).	✓	✗	✗
They take the shape of the container they are in.	✗	✓	✓
They can flow.	✗	✓	✓
They can be compressed.	✗	✗	✓

## 3. Changing States



Substances can change from one state to another.

Water can change from a liquid to a solid. Water in a solid state is called ice.

Water can also turn into a gas. Water, when a gas, is called water vapour.