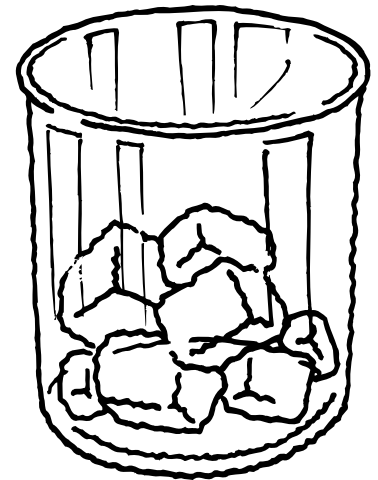


# Water, Solid, Liquid and Gas

In this activity you will investigate water in its three forms – solid, liquid and gas (water vapour). Place some ice cubes in a beaker.



- **In which form is the water? Solid, liquid or gas? Describe the ice cubes as fully as you can.**

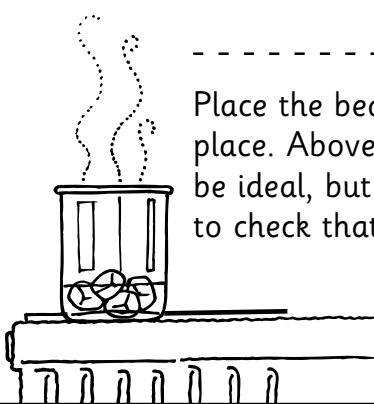
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- **After a few minutes what do you notice forming in the bottom of the beaker?**



As soon as you have enough 'melt water' you can do the next part of the investigation. **Describe the liquid water as fully as you can.**

- **Take the temperature of the 'melt water' in the beaker as the ice cubes melt. What is the temperature of the 'melt water'?**



°C

Place the beaker in a warm place. Above a radiator would be ideal, but ask your teacher to check that it is safe.

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Mark the level of the water in the beaker when all the ice has melted. Leave the beaker uncovered and check the level of the water each day.

- **What is happening to the water level?**
- **Where is the water going?**

- **Use the words to fill in the gaps**

above    freezer    vapour    freezes    ice  
evaporates    liquid    temperature    melts

The ice cubes were made by putting water in a  . The freezer is very cold. The  in a freezer is below 0°C, so the water  to form solid water called  . The temperature of the air in the classroom is  0°C so the ice  to form  water. Over time the water slowly  into the 'gas' form of water called water  .

