

Name:

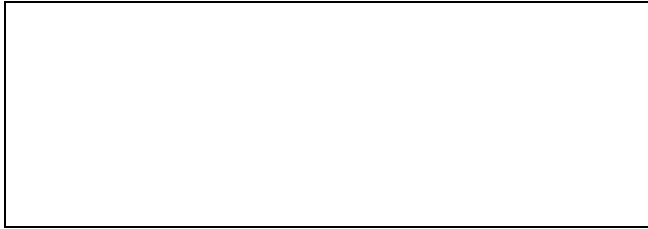
Date:

## CHANGING STATES

### Activity 3

You've seen evaporation a lot of times.

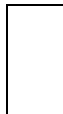
- Draw an example of evaporation.



- Let's investigate evaporation.

A) You need

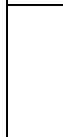
➤ Three jars



➤ Water



➤ A fridge



B) Instructions:

1. Fill three identical jars with the same amount of water. Draw a line to remember the level.
2. Leave one in the fridge, one in a place at room temperature and one near a source of heat (the radiator, a sunny window...).
3. Observe the water levels and record the information.

	IN A FRIDGE		IN A PLACE AT ROOM TEMPERATURE		NEAR A SOURCE OF HEAT	
	Degrees	What do you see?	Degrees	What do you see?	Degrees	What do you see?
1 <sup>st</sup> day						
2 <sup>nd</sup> day						
3 <sup>rd</sup> day						

Name:

Date:

4 <sup>th</sup> day						
5 <sup>th</sup> day						
6 <sup>th</sup> day						

C) Write down your observations: \_\_\_\_\_

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D) So the conclusion is:

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### Activity 3

- C) - The *first/second/third/fourth/...* day water in the fridge/in a place at room temperature /near a source of heat was (number) degrees and the water level was (number) millimetres/centimetres lower.
- The *first/second/third/fourth/...* day there was no water in the fridge/in the room temperature/near a source of heat jar.
- D) - Water molecules have evaporated because of the *increase/decrease* in temperature.
- The water has changed into *visible/invisible* drops of water vapour or gas.