

# Changes of State

106 - I can confirm suggestions about what will happen.

102 - I can take part in activities focused on the anticipation of and enquiry into specific environments.

103 - I can carry out simple instructions when also given a gesture or physical prompt.

You are going to observe what happens when heating and cooling various substances.  
Fill in "heated" or "cooled" to explain what was done to each substance to make it change states.



## Summary

Substance	Change of state	Heating or cooling?	We call the process
Ice to water	solid to liquid	heating	melting
water to steam	Liquid to gas	heating	evaporation
Steam to water	Gas to liquid	cooling	condensation
water to ice blocks	Liquid to solid	cooling	Freezing or solidifying