

## 'I Can...' Science statements: **Materials**

Level 5



I know that all liquids are not the same and can explain some of the things that make them different.  
e.g. ease of flow, maintenance of shape.



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I know that all gases are not the same and can explain some of the things that make them different. e.g. balloon filled with helium and one filled by a child.



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I can describe to a liquid, a gas and a solid.



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I have experimented with the techniques of dissolving, melting, boiling, condensing, freezing and evaporating.



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I know, understand and can describe the meaning of dissolving, melting, boiling, condensing, freezing and evaporating.



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I know that some changes can be reversed.



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I know the burning of most materials is not reversible.



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I know that matter is made up of particles.



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I know that there is a difference in the movement and arrangement of particles in solids, liquids and gases.



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I know and understand how the evaporation and condensation of water relate to the processes of the water cycle.



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I have mixed water with substances such as sugar, salt and sand with water and can tell my teacher whether they dissolve or are insoluble.



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I can separate insoluble solids from liquids by filtration. e.g. sand and water.



## 'I Can...' Science statements: **Materials**

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I can separate soluble solids from solution by evaporation. e.g. salt and water.

