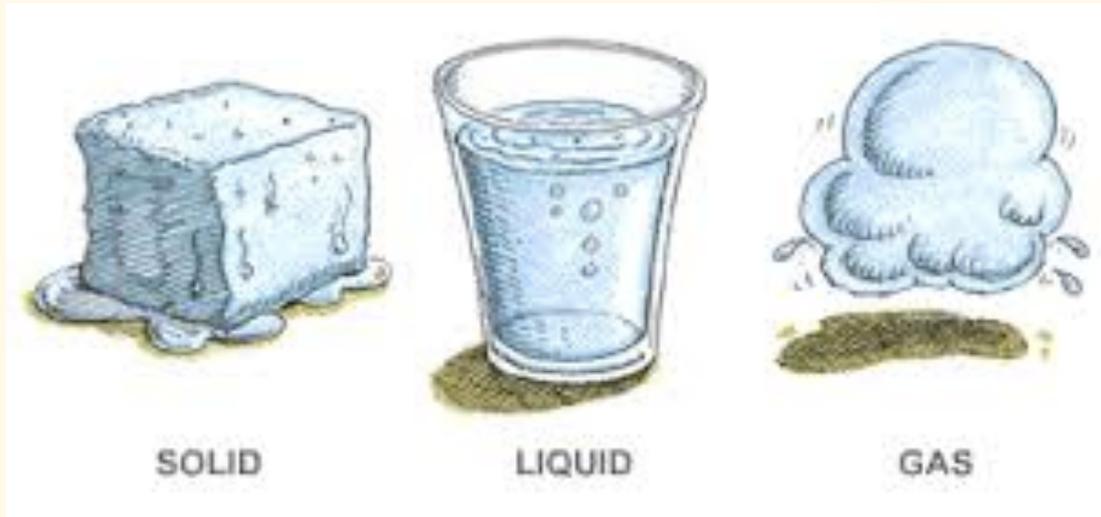


## 24.2.21

I: Can I explain the three states of matter?



What happens to water when you put it in the freezer?

Why has this happened?

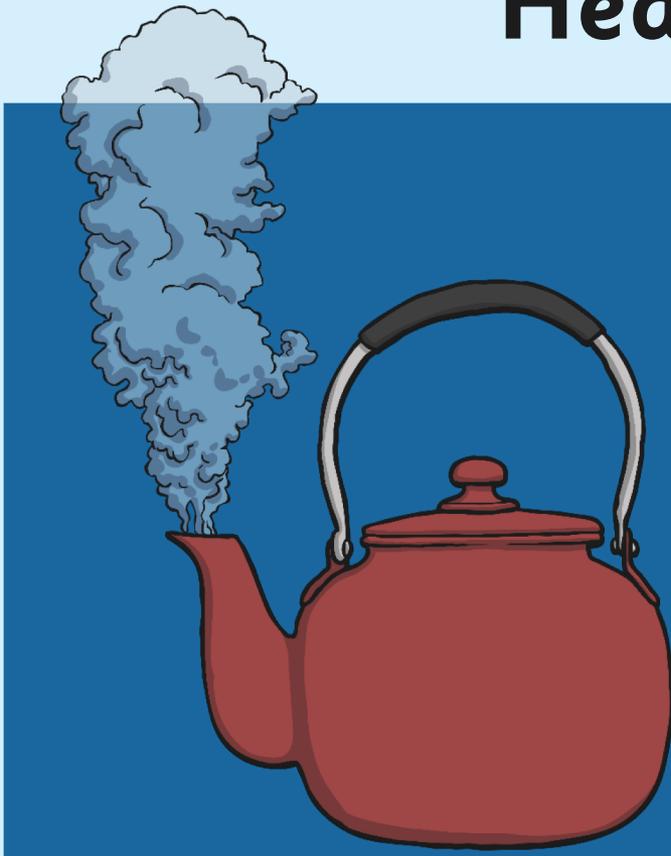
Look in your freezer at home to see what you can find. What does it feel like when water freezes?



**solid**

**freezing**

# Heating it up



If you have a kettle at home...

What do you see as the kettle heats the water?

What is happening?

**Do not put your hand over the top of the kettle!**

**evaporation**

**gas**

# Heating it up



If you hold a mirror over the steam, what do you think will happen?

Why do you think this has happened?

**condensation**

**liquid**

# From the freezer



If you place a block of ice in warm water, what do you think will happen and why?

**liquid**

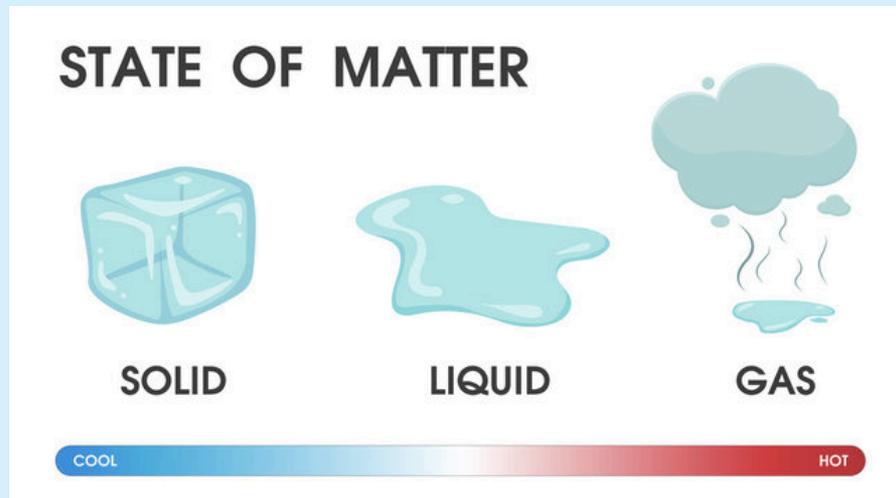
**melting**

**Click on the link below to access the BBC Bitesize website.**

**Watch the video and then read the information about solids, liquids and gases.**

**Once you have completed this, have a go at completing the quiz.**

<https://www.bbc.co.uk/bitesize/topics/zkgg87h/articles/zsgwwxs>



# Today's Task

Use what you have learned in this PowerPoint and on the BBC bitesize website to complete your worksheet. You have a choice of three worksheets, one star, two stars or three stars.

The more stars you choose, the more challenging your task is. If you get stuck, you can always look at the information you have been given today.