

# Ice Balloons

Watching ice melt couldn't be more interesting!

Educators' notes at [www.sciencemuseum.org.uk/educatorsresources](http://www.sciencemuseum.org.uk/educatorsresources)

## GRAB THIS STUFF...

- Round balloon
- Food colouring
- Water
- Salt
- Washing-up liquid
- Magnifying glass
- Tray
- Large plastic tub (that the ice balloon can fit into)

## You could also use this stuff for further investigation...

- Toothpick
- Mallet
- Nails
- Torch



Just the tip of the iceberg!

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1

Put a couple of drops of food colouring into your balloon and then fill it with water. Leave it in your freezer for more than 24 hours. When you are ready to use it, cut the end of the balloon.



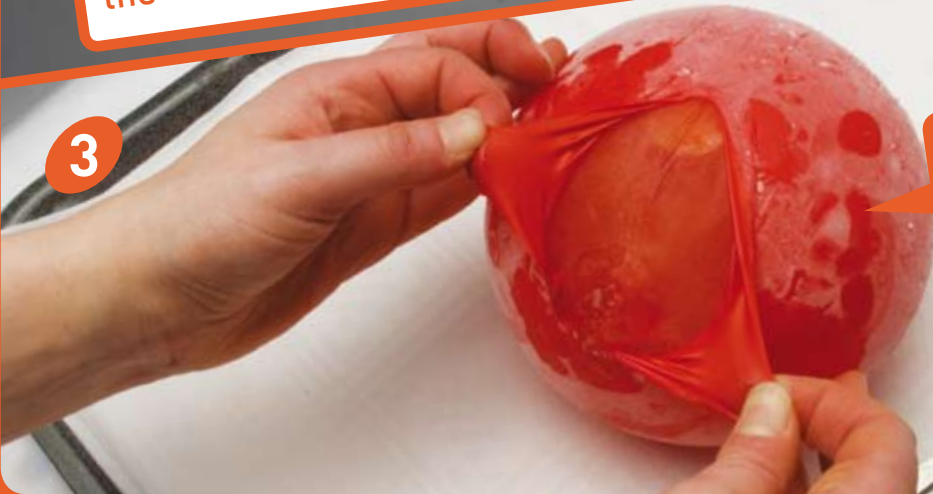
2

Starting from the hole you have made, cut down to the opposite end of the balloon.



3

Carefully peel the rest of the balloon away from the ice.



4

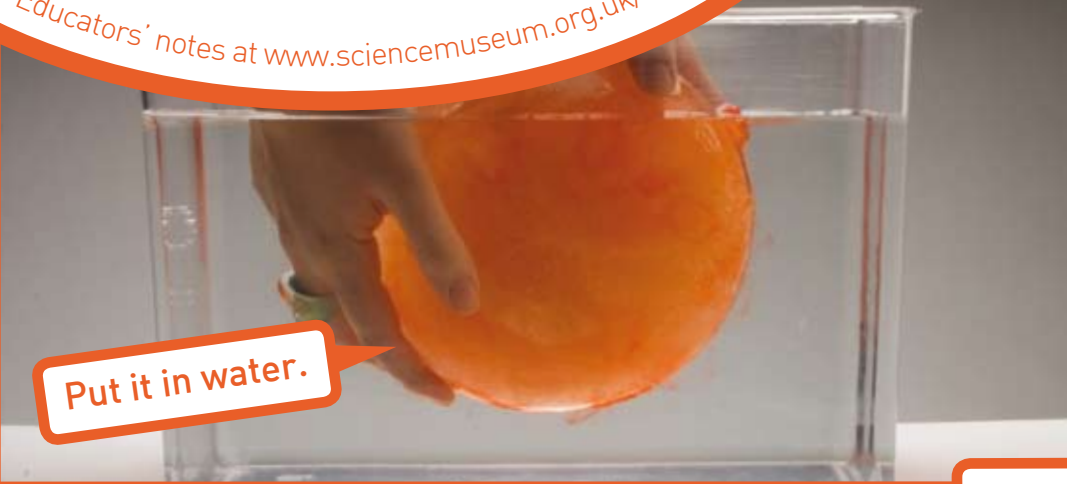
Your ice balloon is now ready.



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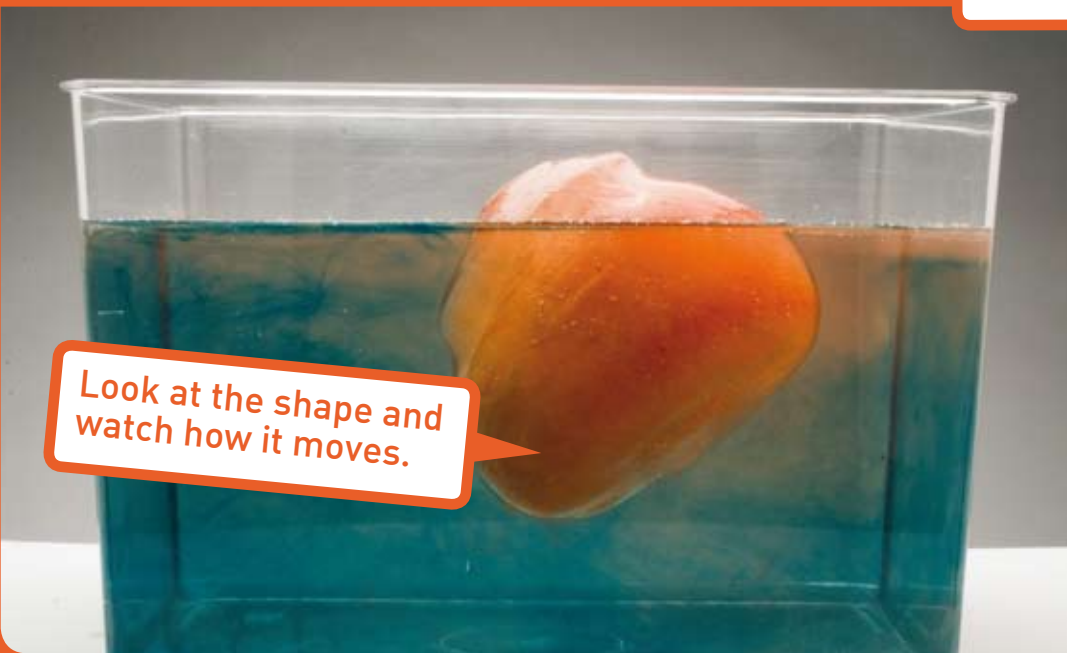


Put it in water.



Add some food colouring.

Get testing!



Look at the shape and watch how it moves.

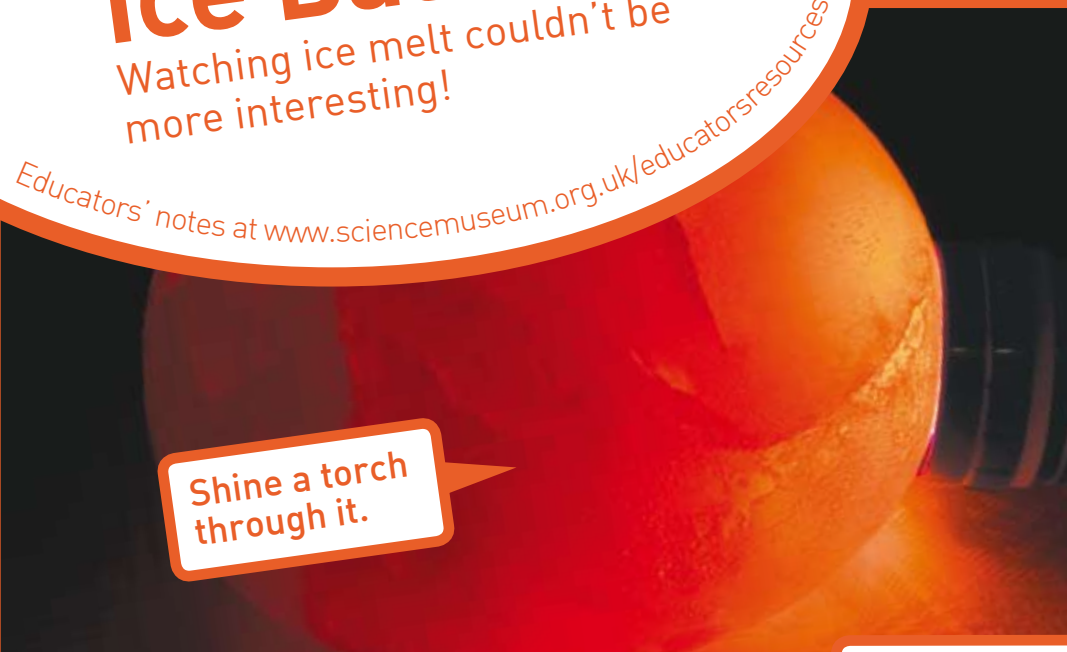


Add salt and see what happens.

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Shine a torch through it.



Look at it through a magnifying glass.

What else can you do?



Use a toothpick to investigate.



Try a nail and a mallet.