

# Ice and Salt



## You'll need

Ice  
Salt  
Tray  
Warm water  
Timer  
Cold water  
Pipette or spoon



## Instructions

Place 4 ice cubes in the tray.



Ice cube 1 - control

Ice cube 2 - warm water - 1 tablespoon every 30 seconds

Ice cube 3 - cold water - 1 tablespoon every 30 seconds

Ice cube 4 - salt - half a teaspoon of salt every 30 seconds.

Start the timer. Every 30 seconds drip cold or warm water or salt onto an one of the ice cubes.

Watch what happens. Keep a record of how each ice cube changes over time. Which melts first?

## Challenge

Try again with bigger ice cubes or even a giant ice cube (cake moulds are good for making large ice sculptures).

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Adult supervision required. You are responsible for your own safety.

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