

Lifting ice cubes

Can you get an ice cube out of a glass of water without getting wet?

What you need:

A piece of string or cotton



A glass of water



An ice cube



A pinch of salt



What to do:

1. Fill the glass with water.
2. Place an ice cube in the glass
3. Dangle the end of the string on the ice cube.
4. Keeping the string still, sprinkle some salt on the ice cube and leave it for a few minutes.
5. Lift the string and watch as the ice cube comes out of the glass of water.

How and Why

The salt lowers the freezing point of the water so melts the ice.

The water then quickly re-freezes trapping the string within the ice so that you can lift it.