

# Salt Melting Ice Experiment & Sculptures

Easy science experiment for kids that involves adding salt and color to create ice tunnels - beautiful ice sculptures.

## Items you will need:

Various size and shaped containers to make ice

Rimmed trays to contain ice during experiment/sculpturing

Salt (course salt works great if you have it)

Food colouring or liquid water colour paint

## Steps:

- 1) Fill containers of various shapes and sizes with water.
- 2) Place containers of water in freezer overnight.
- 3) The next day, take the ice blocks out of the containers and set them on a tray with a rim to contain melting ice and liquid colouring.
- 4) Put out some salt in a small bowl with a spoon, and some watered-down food coloring or liquid water colours in small bowls with pipettes/droppers or a small spoon.
- 5) Sprinkle salt over the ice blocks and let sit for about 10 minutes to let the ice melt a bit.
- 6) Then pour liquid color (liquid watercolors or watered-down food coloring) over the places where the salt has melted the ice.
- 7) The salt melts the ice faster than the ambient temperature, melting tunnels and crevasses into the ice, and the liquid color highlights the tunnels and crevasses so that you can see them better.
- 8) Each block of ice becomes a colourful ice sculpture - you can stack and combine the ice sculptures as well.



