



SCIENCE FUNFAIR

Water has many uses
But have you ever tried making
A Necklace Of Water?

Let us make
A Cool Water Necklace!

Material:

- 10 ice cubes
- 1 meter of thick thread
- 1 bowl of salt
- 1 spoon
- 1 big plate



Start Science- Fun Experiment :

Place the 10 cubes of ice on a large plate.

Sprinkle half a spoon of salt on an ice cube.

Immediately place a thick thread across that ice cube.

Press down the thread slowly.

Wait for 4 seconds and then lift the thread.

The ice cube too will get lifted with the thread.

That is to say we have just strung the first water-bead of our cool necklace!

When you do this quickly....

Our water necklace is ready!

Isn't this fun?

The Science-Fun behind it...

Water turns into ice at 0° C. This temperature is known as the freezing point of water.

When we sprinkle salt on ice or mix salt with ice, the freezing temperature of water goes below 0° C.



So when we place a thread on an ice cube and sprinkle some salt, the ice near the surface melts and the thread goes down in the cube.

As more ice melts, the salt solution becomes diluted and the freezing point comes closer to 0°C.

The water turns into ice again and we can lift the ice with the thread.

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Science fun findings:

- What will happen if mix colour into the water before making it into ice?
- What if we take ice cubes of different shapes and sizes?
- Take a mirror. With the help of a mirror direct a ray of sunlight onto the water necklace, and see what happens.

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