

NANOGIRLS

GREAT SCIENCE ADVENTURES

Here are Nanogirl's instructions for ice-fishing

INGREDIENTS

A piece of string about 10cm long

An ice cube – or more depending on how much ice you want to catch

Some salt

METHOD

Take an ice cube and put it onto a plate.

Take a piece of string and place that on top of the ice cube for about 10 seconds. Try to lift up the piece of string and see if you've caught the ice cube.

Nothing happened, right?

Now you're going to do the same experiment again but on top of the string, you are going to sprinkle some salt.

Let that sit for a couple of seconds and what's going to happen is the salt is going to lower the freezing point of the ice. The ice will melt and then refreeze over the string.

Now when you lift it up you should see that the piece of string is stick in the middle of the ice cube.

You've caught your ice cube.

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