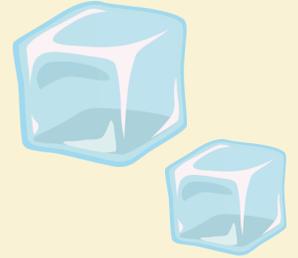


**Featured Project:**

## Ice Fishing!

Time for the catch of the day! No matter what the temperature is outside, this simple activity is perfect for all ages. Chill out and try this winter science experiment to help keep things cool on those hot summer days.



**Materials Needed:**

- Small paper cups, bowl or an ice cube tray
- Salt
- Glass of water
- String or yarn
- Small stick

 **Time to Make:** 3-4 hours to make ice, 10 minutes to fish!

**Instructions:**

1. Fill the cup or tray up with water and place it in the freezer. You can also use ice cubes from your freezer and skip this step.
2. When the water is frozen, remove the ice from the cup or tray.
3. Put the ice in the glass or bowl of water. The cube will bob up and down in the water and then float on the top.
4. Place one end of the string from the fishing pole on top of the ice cube and sprinkle salt on the ice where the string is touching. Watch as the water melts slightly and refreezes.
5. After about 10 seconds, carefully lift the ice cube out of the water with the fishing pole. You caught a fish (ice)!

**How does it work?**

The salt you sprinkle on the ice cube lowers its freezing temperature and, since the ice cube can't get any colder than it already is, it starts to melt. A little pool of water forms on top of the ice cube and the string sinks into it. As the ice cube melts, it dilutes the salt/water mixture in the little pool; the freezing point starts to go back up again. The ice refreezes, trapping the string. As soon as the ice cube hardens, you can raise it by lifting the string.

Source: <http://www.sciencefun.org/kidszone/experiments/ice-fishing/>  
<https://littlebinsforlittlehands.com/ice-fishing-winter-science/>

**What is Maker Minute?**

Maker Minute is our way of bringing the SDG Library MakerLab to your home! Each week, we'll release a cool activity or experiment that you can do using items from your home. You can share your progress and finished products on our social media pages:

- [facebook.com/sdglibrary](https://www.facebook.com/sdglibrary)
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**We can't wait to see what you'll make next!**