

## *Salt Crystal Snowflakes*

### *Winter Science Experiment*

Salt crystals form when a solution of water becomes over-saturated with salt.

This mixture is known as a super-saturated solution, and it occurs when there is too much salt in the water to bond fully with the water molecules.

As the water evaporates, the salt crystals cling to one another, forming large squares of salt, just like are found in nature.

Kids will be fascinated by the ionic bonds that salt makes, creating perfect squares and rectangles every time.

### *What you will need:*

pipe cleaners

table salt

hot water

cup & stirrer

Of pipe cleaners, we produced snowflakes.

We added 2-3 tablespoons of salt to the cup and added only enough hot water to dissolve all the salt.

We put the snowflakes in a container with salt water.

After 3 days, you'll see salt crystals cover the pipe cleaner snowflakes.