

Let's make colorful ice!

Some artists use science when creating their artwork. When sculptors make a bronze sculpture, the bronze turns from a liquid to a solid. Like bronze, when water freezes, it also turns from a liquid to a solid. The solid form of water is ice, and if you leave ice outside on a hot summer day, it melts into a puddle. Salt makes ice melt differently than sunshine. Let's experiment and see what happens when you pour salt on ice. Ask an adult to help you, then let's get started!

Materials

3 or 4 small plastic containers of varying sizes or shapes

Water

Pan with edges

Table salt

Food coloring

1



Fill up the plastic containers with water, and put them in the freezer overnight.

2



Remove the ice from the containers and place it into a pan with edges. Run warm tap water over the containers and the ice to help release it.

3



Sprinkle table salt over the ice until it's covered.

4



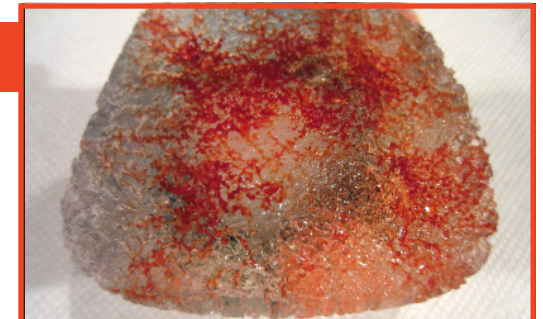
Drop food coloring on the ice and watch it collect in the ridges created by the salt.

5



Hold up the ice to a window or take it outside. Watch how the light shines through, much like a stained glass window!

6



Turn the ice over and pour more salt and food coloring on it. Have fun experimenting!