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, and 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 leave them in the freezer overnight.
2. Remove the ice from the containers and place it into a pan with edges. Running warm tap water over the container and on the ice will help release it.
3. Sprinkle a thick layer of table salt over the ice.
4. Drop food coloring onto the ice and watch it collect in the ridges created by the salt.
5. Hold up the ice to the window or take it outside. Watch how the light shines through it like a stained glass window!
6. Now, turn the ice over and pour more salt and food coloring on it. Have fun experimenting!