

## Salty Ice Sculptures Experiment:

### Materials Needed:

- ✓ Tupper wear container
- ✓ Baking pan
- ✓ Food coloring
- ✓ Kosher Salt



### Steps for this experiment:

1. Fill an empty Tupper wear container with water and put in the freezer
2. Once frozen, remove block of ice from the container and put on a baking pan



3. Sprinkle kosher salt on top of the ice. Try splitting it into three sections to see the difference between no salt, some salt, and a LOT of salt.

4. Add drops of food coloring to the ice. Try adding a few drops in some areas and more drops in others!



5. Watch what happens to the color. Does it sit on top or melt into the block of ice?



6. Leave the block on the counter and come back to check on it after 30 minutes, and after an hour. Talk about the differences you see between the side with more salt and the side with less salt.

7. What effect did salt have on the ice? Does this relate to why we put salt on roads during the winter time?



**Additional Skill Practice:**

Here are some additional skills you can work on with your kiddo related to this craft:

- More vs Less – ID which side has more/less salt/color/ice left
- Cause and effect – Which side melted more? Why did it melt?
- Color ID – What colors did we use? Did they mix and create new colors?