



Exploring Chemical Reactions: Investigating with Salt and Ice



In this experiment, your child will explore a simple chemical reaction between salt and ice.

First, split your salt into two piles. Using food coloring, dye each pile either red, blue or yellow. Encourage your child to explore the materials we will be working with today. Have your child predict what the materials might feel like and look like and help them record their observations.

Now, have your child predict and record what will happen when you combine the 1st salt and the ice. Sprinkle the 1st salt on the ice cube. Record the physical and color changes that occur. Help your child predict what will happen when you add the 2nd salt. Add the second salt and record the physical and color changes that occur.

Word Bank:

Hard Melt Wet Small Rough White Blue
Red Yellow Orange Green Purple Square Cold

	Prediction	Physical Observations	Color Observations
1st Salt 			
2nd Salt 			
Ice			
1st Salt + Ice			
2nd Salt +Ice			