



## **Make pantry playdough and let your creativity run wild!**

### **Description:**

Learn how to make your own playdough from items you probably already have in your pantry! Observe how the different substances we use combine and affect each other and how the overall mixture changes throughout the process. Once your playdough is ready, get creative and see what you can come up with to build!

### **Materials:**

- Bowl or other large container to mix in
- Measuring cups
- Flour
- Salt
- Oil (Vegetable, Canola, or Coconut)
- Water
- Food Coloring (optional)

### **Make your Playdough**

1. Measure out 2 cups of flour and put it in your bowl, what does it feel like? What color is it?
2. Measure out  $\frac{3}{4}$  cup of salt, what does it look like? Does it have a smell? What does it feel like?
3. Mix the salt with the flour. What happened when you mix the two? Did the color or smell or the way they feel change?
4. Measure out 2 cups of water. Make a prediction about what will happen to the flour and salt mix if you add the water.
5. Add the water and use a spoon or your hands to mix it all together. What happens as you mix it all together?
6. Measure out 2 tablespoons of oil. How is the oil different from the water you just used? What color is it? Does it have a smell?
7. Add the oil to your playdough and mix it all together. How did oil change the way your playdough feels?
8. If you like, you can add food coloring to small balls of your playdough to create different colors!

### **Building ideas!**

- Can you make something that a marble or ball can slide down?
- Can you write your name with playdough?
- Can you make a tic – tac – toe board and pieces out of playdough? Play a few games with someone!
- Create something that you would find in nature.
- You can add texture to your playdough by mixing in things from your pantry. What happens if you add dry beans or rice? What about cereal pieces?
- How tall can you build using playdough before it collapses?
- Using spaghetti and connecting it with playdough can you build a bridge between two chairs?