# Homemade Playdough

## Science: Chemistry

## DIY Project of the Month June

## Procedures

1. you like playdough? Do you get upset when you forget to put the cap on your playdough and it dries? well, now you don't need to be upset because I am going to teach you how to make your very own uncooked playdough. The best part is most of the materials are right there in your kitchen pantry.

2. It is now time to be a chemist and start mixing the chemicals that are needed to make your playdough. Grab an empty bowl and mix the flour and salt together. Take your spoon and mix the two ingredients together until you have a nice mixture.

3. Make a well in the center of your dry mixture and pour in the oil.

4. Please take your 1/2 cup of water and add a few drops of food coloring. The color you add to your water will be the color of your clay. Mix the water and food coloring.

5. Now it is time to get messy. Add the colored liquid, a little at a time to the dry mixture ( flour and salt ). It is important to not add all of the liquid as this may result in your clay being to wet. If this happens, add some flour to balance out the ratio.

6. Knead your mixture until it is smooth and has the consistency of playdough. If the mixture is too dry, add more water. Likewise, if the mixture is too sticky, add more flour.

7. You are done! You have just engineered your very own playdough. Build some giraffes, volcanoes, tornados, and potatoes.

## Materials

*plain flour* *salt* *cooking oil* *food coloring* *cup water* *bowl* *spoon*