

## Cell Model Play Dough

I will be working: alone or with \_\_\_\_\_ (circle one).

The play dough is due: \_\_\_\_\_.

We will be creating cell models out of play dough. Each student will work with ONE other student (or alone). At least one of the students in the group needs to make play dough. Groups will be trading colors, so you can make your batch all one color and trade for variety. You can substitute your own recipe, use one of these recipes or buy the equivalent amount of play dough (about 2-3 cups or about 3 regular sized -- 5 ounce -- containers of play dough.) Please bring the play dough with you and DO NOT have your parents drop it off in the office.

Extra Credit: You can receive extra credit if you create extra play dough and it is delivered to Mrs. DuPar at least one day early.

Problems: Please let Mrs. DuPar know if you cannot create play dough for any reason. She can help you out. Talk to her before the day it is due!

### **Playdough made with Cream of Tartar (DO NOT leave out the cream of tartar!)**

1 cup flour  
1 cup warm water  
2 teaspoons cream of tartar (found with the spices)  
1 teaspoon oil  
1/4 cup salt  
food coloring of your choice

Mix all ingredients.

Add food coloring last.

Stir over medium heat until smooth.

Remove from pan and knead until blended smooth.

Place in a plastic bag or airtight container when cooled.

Caution: It is TOO HOT to knead immediately, so wait until you can comfortably touch it before you work with it.

### **Playdough made with Alum (DO NOT leave out the alum!)**

1/2 cup salt  
2 cups water  
2 tablespoons oil  
2 cups flour  
2 tablespoons alum (found with the canning materials)  
food coloring of your choice

Combine salt and water in a saucepan and boil until salt dissolves.

Remove from heat and tint with food coloring.

Add oil, flour and alum.

Knead until smooth.