

Play-Dough Recipe

Ingredients:

- 2 cups flour
- ½ cup salt
- 1 ½ cup boiling water
- 2 TBSP vegetable oil
- 2 TBSP cream of tartar
- Food coloring or KOOL-AID packet*** (optional for color/smell)

Steps:

1. Cover your work-space to help avoid making a mess in your area.
2. In one container mix all of your dry ingredients.
3. In your second container mix your wet ingredients (*minus the oil*) and stir well. After the wet ingredients are mixed well then add the oil little by little while still mixing.
4. Pour the wet ingredients into the dry ingredients and mix well as you pour. Keep mixing the combined ingredients until they are smooth (and cooler) and then remove your play-dough onto the (*lightly floured*) table to knead your dough. The mixture will be HOT! Wait until the dough has cooled down enough for the students to knead it as well.
5. Knead the dough until it is firm, smooth, and soft. Take turns because you could be kneading for ~ 5 minutes. TIP: Flour your hands to help prevent sticking while kneading.
6. The homemade play-dough can last for weeks if properly sealed in an air-tight container.

Questions:

1. How did your homemade play-dough turn out?
2. What will you do differently next time to make it better?
3. Do you think if the ingredients were added differently there would be a different outcome?
4. Name one ingredient you think you should have added more of and less of.
5. Do you think your play-dough will be strong enough to make a volcano out of it?

Vocabulary:

- Knead – Massaging or squeezing with hands
- TBSP (tablespoon) – A measurement used in cooking and science
- Floured – Sprinkling flour over an area. Usually to prevent sticking.