B.5.1 Lab Sheet Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Observe the ingredients (reactants) which go into playdough. Record their physical properties.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Substance/Property** | Color | Texture | Odor | State of Matter |
| Flour |  |  |  | Solid, liquid, gas |
| Water |  |  |  |  |
| Cream of Tartar |  |  |  |  |
| Oil |  |  |  |  |
| Food Coloring |  |  |  |  |
| Salt |  |  |  |  |
| Flavoring |  |  |  |  |

2. Participate appropriately in lab demonstration.

3. Observe the product of the reactants. Record the physical properties of the product (playdough).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Substance/Property** | Color | Texture | Odor | State of Matter |
| Playdough |  |  |  | Solid, liquid, gas |

4. What caused the mixture of the reactants to change? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. How are the physical properties of the product different than the physical properties of the reactants? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_