

Sandless Kinetic Sand

Objective	Play and enjoy the texture of this “sand.”
Supplies	Bowl. Baking soda. Baking powder. Dishwashing liquid. ¹
Directions	<ol style="list-style-type: none">1. Mix about 6 Tablespoons of baking soda with 3 Tablespoons of baking powder and 3 Tablespoons of dishwashing liquid.2. Mix until doughy.3. Add bits of baking powder if too wet and knead until fluffy. If it is sticking too much to your fingers, it is too wet.
Outcome	Well, now the outcome is obvious, right? A great sensory experience as you mold, smash, and play with the stuff.
How does it work?	<p>Kinetic means “motion.” The reason kinetic sand is called that is because it mimics wet sand, with properties of both liquids and solids that help it move. It has a more slippery or silky texture than regular sand.</p> <p>I bet you are wondering about the difference between baking soda and baking powder, right? Baking soda has only one ingredient, sodium bicarbonate. Sodium bicarbonate is a base. Baking powder also contains sodium bicarbonate, but it contains two acids as well. The acids do not react with the sodium bicarbonate until the mixture is wet. Once you add the dishwashing liquid, the reaction begins, and it starts to fluff up!</p>

¹ You can use clear dishwashing liquid, but use whatever you have on hand. Dishwashing liquid comes in lots of colors. Green kinetic sand is my favorite!