

Art

- The child has learned about texture and sensory experiences through the tactile nature of the cloud dough.
- They have explored color mixing as they combined the flour and oil, creating a unique dough with a specific hue.
- The child has practiced fine motor skills while kneading and shaping the cloud dough.
- They have expressed creativity by using their hands or tools to mold the dough into various shapes or sculptures.

Science

- The child has observed a chemical reaction between the vinegar and the cloud dough, noticing the fizzing and bubbling that occurs.
- They have learned about the properties of different materials, understanding that vinegar reacts with baking soda in the cloud dough to produce carbon dioxide gas.
- The child has explored cause and effect, understanding that pouring vinegar onto the cloud dough leads to a fizzy reaction.
- They have developed curiosity and a sense of wonder about the world around them through this hands-on experiment.

For continued development, encourage the child to experiment with different materials and ingredients in their sensory play. They can add food coloring to the cloud dough for more vibrant colors or incorporate natural materials like flowers or leaves. Additionally, they can explore other chemical reactions by combining vinegar with different substances, such as baking soda, lemon juice, or even milk.

Book Recommendations

- [What Makes a Rainbow?](#) by Betty Ann Schwartz: This book introduces colors through the story of a curious bunny who discovers how rainbows are made. It reinforces the child's understanding of color mixing.
- [Baking Day at Grandma's](#) by Anika Denise: This book follows a young girl as she helps her grandma bake a special cake. It explores the joy of cooking and the process of combining ingredients to create something delicious.
- [Let's Explore Science: Hands-On Activities for Young Children](#) by Rebecca Rogge: This book provides a collection of hands-on science activities suitable for preschoolers. It includes experiments, observations, and explanations that can further enhance the child's scientific curiosity.

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