### History

- The child learned about the historical background of lemonade and how it has been enjoyed for many years.
- They learned about the origins of lemons and how they were introduced to different parts of the world.
- The child discovered the historical significance of lemonade stands and how they have been used as a way for children to raise money.

### Math

- The child practiced measuring ingredients and following a recipe, reinforcing their understanding of measurements such as cups and teaspoons.
- They learned about fractions by understanding the ratio of lemon juice, water, and sugar in the recipe.
- The child had the opportunity to count and sort lemons, enhancing their counting skills.

### **Physical Education**

- While squeezing lemons, the child strengthened their hand and arm muscles.
- They engaged in physical activity by stirring the lemonade vigorously, promoting coordination and gross motor skills.
- The child practiced pouring and transferring the lemonade into cups, developing their fine motor skills.

#### Science

- The child learned about the properties of lemons, including their sour taste and acidic nature.
- They observed the process of lemon juice combining with water and sugar to create a new substance.
- The child explored the concept of states of matter by observing the transformation of solid sugar into a liquid when mixed with lemon juice and water.

## **Social Studies**

- The child learned about different cultures and how lemonade is enjoyed in various countries.
- They discovered the importance of sharing and hospitality, as lemonade stands often involve offering a drink to others.
- The child gained an understanding of entrepreneurship and the concept of earning money through their lemonade stand activity.

Continued development related to this activity can include exploring different lemonade recipes from around the world, conducting taste tests with variations of ingredients, and even organizing a lemonade stand for a charitable cause to further understand the concept of giving back.

# **Book Recommendations**

- <u>Lemonade in Winter: A Book About Two Kids Counting Money</u> by Emily Jenkins: A delightful story that combines math and entrepreneurship as two siblings set up a lemonade stand in winter.
- <u>The Lemonade Stand War</u> by Patricia Polacco: This book explores the competitive nature of lemonade stands and the power of friendship, while also touching on the concepts of math and business.
- <u>The Lemonade Club</u> by Patricia Polacco: A heartwarming story about friendship and overcoming challenges, inspired by true events and featuring a lemonade stand as a central theme.