## Math

- The child will learn to recognize and match colors by sorting objects based on their color.
- They will develop their counting skills by counting the number of objects of each color.
- They will understand the concept of patterns by arranging objects in a specific color sequence.
- They will practice basic addition and subtraction by adding or removing objects of a particular color.

## Science

- The child will learn about primary and secondary colors by mixing different colors together.
- They will explore the concept of color blending and observe the changes in color intensity.
- They will understand the concept of color perception by comparing and contrasting different shades of the same color.
- They will learn about the role of light in color perception by experimenting with color filters.

For continued development, encourage the child to explore color mixing further by experimenting with different combinations of primary colors to create secondary colors. They can also be introduced to color theory and learn about complementary colors by creating color wheels or doing color scavenger hunts in nature.

## **Book Recommendations**

- Mouse Paint by Ellen Stoll Walsh: This book introduces color mixing through the playful story of three mice who discover primary colors and create secondary colors.
- <u>Go, Dog. Go!</u> by P.D. Eastman: Although not specifically about color matching, this book features colorful illustrations that can engage children in identifying and matching colors.
- <u>Brown Bear, Brown Bear, What Do You See?</u> by Bill Martin Jr. and Eric Carle: This classic book helps children learn colors and animals through repetitive and rhythmic text.

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