

Math Activities



- Helping to set the table and placing one item at each seat
- Counting the number of snack items as you point to them or talking about the shape of the snacks
- Comparing the number of different types of toys in a bin
- Comparing and ordering toys by size
- Using a timer to build a sense of time
- Using measuring cups to explore volume with sand, rice, or water
- Stringing beads in a pattern
- Clapping to the beat of a song
- Sorting laundry into groups (item, color, size)

Math Talk

- Same/Different
 - More/Less
- Bigger/Smaller
- Tall/Taller/Tallest
- Short/Shorter/Shortest
 - Heavy/Light
- First, Second, Third
 - In/Out
 - Over/Under
 - Inside/Outside
- Circle, Square, Triangle, Rectangle
- Sides and Corners
 - Straight/Curvy
 - Pattern
 - Repeat
- Next/Before/After
- Seconds/Minutes



FUN WITH MAT

“ Nurturing responsive relationships at home from the earliest days of life provide the foundation for learning across domains, including social-emotional, language, literacy, a math” - Jill Sells

5 Basic Math Concepts

1. Numbers & Operations

This basic math concept revolves around developing a sense that numbers have meaning and understanding concepts of quantity, order, one-to-one correspondence, and counting.



2. Shapes & Spatial Relationships

This basic math concept includes recognizing and naming objects based on their shape. In addition, we begin to develop the skill of comparing and contrasting objects based on their features (number of sides, straight/curvy lines). Developing an understanding of position and space (under, over, on top) is part of this concept as well.

“When children ‘play’, they are often doing much more than that. Through higher-level play, children explore patterns, shapes, and spatial relations; compare magnitudes; and count objects.” -Educational Commission of the States

3. Measurement

This basic math concept involves the understanding of size, length, weight, quantity, volume, and time. Children also begin to explore the different tools used to measure these concepts.

4. Patterns, Relationships, & Change

This basic math concept engages your child’s understanding and creation of patterns in things such as objects, colors, and sounds.



5. Collecting & Organizing Information

This basic math concept is comprised of gathering, sorting, classifying, and analyzing information which helps children organize and store knowledge in a logical manner.