

Mathematics Standard

Demonstrates general skills and uses concepts of mathematics.

Your child is growing in their understanding of numbers, shapes, and patterns in their daily environment. This will help them with math skills needed in elementary school.



What does it mean?

- Understanding numbers and how they can be used for counting.
- Understanding shapes and how things are organized in space.
- Making comparisons and recognizing patterns and the very beginning understanding of measurement.

What are some things you can do?

- Count with your child during daily activities. Count the number of towels to be folded or the number of cookies you need for your friends.
- Have your child help with activities at home like setting the table.
- While playing with your child, provide opportunities for him/her to make comparisons. For example, ask your child who has the most paper or who has the least amount of juice.
- Point out numbers in your environment and talk about how they are used. This includes speed limit signs, clocks, and prices on a menu or on items in the grocery store.
- Talk about shapes with your child. Concentrate on shapes that you see in your home (the door is a rectangle and the window is a square). Shape books can also be fun!
- While talking with your child, use words that deal with spatial relationships like "under", and "over" as well as words that deal with time like days of the week, yesterday, or tomorrow.
- Play matching games with your child. Games like "Memory" help your child to build his/her matching skills.
- Encourage your child to describe objects and sort them. For example, sorting pennies and nickels into different piles or sorting the blue and red cars into different play garages.
- Provide your child with opportunities to explore measuring - using measuring cups and scales can be enjoyable and a learning experience. Also let your child "measure" things in fun ways. For example, "How many shoes long is your bed?" or "How many hops does it take to get to the kitchen?"



Approaches to Learning: Initiative and Curiosity

When your child completes different and fun ways to measure things, this shows an interest and persistence in the use of math concepts, such as asking your child how many hops it takes until he/she gets to the kitchen or how many shoes long the bed measures.