



SUPER KIDS NURSERY
early childhood centre

Numeracy and Mathematical Thinking

Mathematical understanding begins to take clearer shape during the Foundation Stage 1 years. Children aged three to four become more capable of recognizing numbers, understanding quantities, and identifying patterns. At our nursery in Mirdif, Dubai, numeracy learning is introduced through hands-on exploration that encourages children to observe, count, and solve simple problems.

Counting becomes more structured during this stage. Children practice counting objects in everyday situations such as counting blocks, toys, or steps during activities. Through repetition and guided instruction, children begin associating numbers with actual quantities.

Number recognition is gradually introduced alongside counting activities. Children become familiar with the visual appearance of numbers and begin identifying them in books, games, and classroom displays. Educators encourage children to match numbers with groups of objects, helping them understand the relationship between numbers and quantities.

Shape recognition continues to expand in FS1. Children learn to identify and describe shapes such as circles, squares, rectangles, and triangles. Through puzzles, building activities, and sorting exercises, children develop spatial awareness and begin recognizing shapes in their environment.

Patterns also become an important concept during this stage. Children explore repeating patterns using colors, shapes, and objects. For example, arranging blocks in a repeating color pattern helps children recognize sequences and relationships between elements.

Simple measurement concepts are introduced through comparisons and observations. Children may compare objects by size, length, or weight while using descriptive words such as bigger, smaller, heavier, or lighter. These experiences strengthen analytical thinking and help children understand relationships between objects.

Problem solving activities are integrated into daily play. For example, building structures with blocks requires children to consider balance, stability, and placement. These activities help children experiment with ideas and develop confidence in their ability to solve problems.

Parents looking for a nursery in Mirdif that supports school readiness often seek programs that introduce mathematical thinking early. By incorporating counting, pattern recognition, and logical reasoning into play based activities, our FS1 program helps children build the foundation for future learning in mathematics.

At our Dubai nursery, numeracy learning focuses on exploration and discovery. When children interact with numbers and patterns through play, they develop confidence in their ability to think logically and solve problems.

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