

Math and Early Learning Curriculum

Infant Through Preschool Program

Math experiences promote counting, sorting, pattern recognition, sequencing, matching, problem solving, and early mathematical thinking through hands-on learning opportunities and developmentally appropriate activities.

Age Group	Activity Type	Developmental Focus	Examples of Activities	Duration	Frequency
6 Weeks-12 Months	Early Math Awareness	Visual tracking, patterns	Pattern toys, counting songs	5 Minutes	Daily
12-24 Months	Beginning Math Concepts	Number awareness, sorting	Stacking, shape sorters, counting objects	5-10 Minutes	3 Times Weekly
2-3 Years	Hands On Math	Matching, comparing, counting	Puzzles, measuring, color sorting	10-15 Minutes	3-5 Times Weekly
3-4 Years	Early Mathematical Thinking	Sequencing, patterns, problem solving	Counting games, graphing, number recognition	15-20 Minutes	3-5 Times Weekly

Daily Math Integration Opportunities

Routine Time	Suggested Math Experience
Arrival Time	Shape recognition and counting activities
Circle Time	Calendar, counting, patterns, and number recognition
Cleanup Time	Sorting, matching, and organizing materials
Mealtime	Counting, comparing amounts, and identifying shapes
Block Play	Building, sequencing, measuring, and spatial awareness
Outdoor Play	Counting games, movement patterns, and measuring activities