

Mathematical Concepts Development Observational Checklist

Child's Name: _____ Teacher's Name: _____

School/Center Name: _____ Year: _____

Code: 1 = Needs Development 2 = Developing as Expected 3 = Advanced Development

Note: The checklist should be used three times a year at minimum. (Fall, Mid-Year, and Spring)

Benchmarks and Expectations	Observations		
	Fall	Mid-Year	Spring
1 Number sense, number operations, and number relationships			
1.1 Matches, one to one, pairs of objects that are alike and pairs of objects that are related but not alike			
1.2 Rote count (e.g., counts to five or beyond from memory)			
1.3 Rational count (e.g., counts from three to five objects in a group to determine "how many" objects are in the group)			
2 Patterns and relationships			
2.1 Copies, creates, and extends auditory, visual, verbal, and physical movement patterns			
3 Compare, classify (sort), and order			
3.1 Makes size comparisons between objects using language (e.g., big/small, short/tall, full/empty, etc.)			
3.2 Classifies (sorts) objects into categories (e.g., size, shape, color, etc.)			
3.3 Orders objects based on size, weight, length, or height			
4 Geometry and spatial sense			
4.1 Recognizes and identifies shapes such as squares, circles, triangles, and rectangles			
4.2 Uses positional words to indicate where objects are in space (e.g., in, out, under, beside, between, on, etc.)			
5 Parts and wholes			
5.1 Identifies the missing part of an object or picture of an object (e.g., the wheel piece is missing from the truck puzzle)			
5.2 Recognizes that the amount of a whole remains the same when divided into two parts (e.g., when an apple is cut in half (two parts) it is still one apple)			