PATTERN II

Addition and subtraction "test" worksheets			Child has explored:								Tile Patterns: Given a rule, the child builds 5 steps of a given design making it grow according to the rule.				
9	10		Fruit and vegetable patterns	Clothing patterns	Matrix patterns	Geoboard number patterns	Tile patterns	Surrounding patterns	Row, column, and diagonal patterns	Numbered squares	Rules: Horizontal growth	Vertical growth	Horizontal growth with one part constant	Vertical growth with one part constant	Horizontal growth and vertical growth combined in one design

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PATTERN II

Tile Patterns											
The child verbally analyzes the design's growth when asked to focus on one part of the design.						The child labels the steps of the design with written symbols and predicts the next number in the sequence when asked to focus on one part of the design.					
Part of the design focused on: Horizontal	Vertical	Diagonal	Total number of tiles in each step	The relationship between one part and another	The perimeters of each step	Part of the design focused on: Horizontal	Vertical	Diagonal	Total number of tiles in each step	The relationship between one part and another	Given a written number pattern the child builds a design with concrete materials which reflects that number pattern

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PATTERN II

Row, Column, and Diagonal Patterns								
The child explores the row, column, and diagonal patterns with Unifix Cubes				The child verbally analyzes the visual pattern when asked to focus on each section				The child discovers that one section is related to another in the overall pattern and can predict the next related section (rare)
Number of cubes in the base design: 2 (AB)	3 (AAB, ABB, ABC)	4 (AAAB, ABBB, AABA, ABAA, ABBA, etc.)	5 (AAAAB, ABBCC, ABCBB, ABABC, etc.)	Part of the design: Horizontal	Vertical	Diagonal	Number relationships within one part of the design	

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