

Lower Elementary Math Operations

Large Operations			Fractions			Algebra			Small Operations			Enumerations			Geometry			
Level	Operations	Materials	Level	Operations	Materials	Level	Operations	Materials	Level	Operations	Materials	Level	Operations	Materials	Level	Operations	Materials	Level
1	All static & dynamic operations	Golden Beads	1	Naming	Fraction Insets	1	Assembly & Disassembly	Binomial Cube	1	Addition Facts	Addition Charts	1-3	Story of Enumeration		1	Dimensionality Lines	Nomenclature Cards, Perimeter Sticks	1-3
1-2	All static & dynamic operations	Stamp Game	1	Operations with like denominators	Fraction Insets	1-3	Naming				Positive Snake Game	1	Numerals		2-3	Angles	Nomenclature Cards, Perimeter Sticks	1-3
2	Static addition, subtraction, multiplication	Dot Game	2	Equivalence	Fraction Insets	1	Assembly & Disassembly	Trinomial Cube	1	Equations, Laws of Addition	Box of Bead Bars	2	Number Patterns	Hundred Board	2-3	Planes	Nomenclature Cards, Perimeter Sticks	1-3
3	addition, subtraction, multiplication	Small Bead Frame	3	Operations with unlike denominators	Fraction Insets	1-3	Naming		1	Subtraction Facts	Positive Snake Game	1-3	Hierarchy of Numbers	Hierarchy of Material				1-3
3+	addition, subtraction, multiplication	Large Bead Frame				3	Begin Linear Equations	Mortensen Materials	2	Equations, Laws of Addition	Box of Bead Bars	2	Composing Numbers					1-3
3+	multiplication, single, double and triple digit	Checker Board							1	Multiplication Facts	Positive Snake Game	3	Expanded Notation					1-3
3+	division, single, double and triple	Test Tubes							1		Mortensen Materials							
									2	Equations, Laws of Multiplication	Box of Bead Bars							
									2	Multiplication Patterns	Pythagoras Board							
									3	Division Facts	Division Chart							
									1		Mortensen Materials							
									3	Equations	Box of Bead Bars							
									3	Factors	Factoring							
									3	Multiples								
									3	Squaring	Large Bead Cabinet							
									3	Cubing								

[illegible]