Mathematics Alignment Guideline per 'Montessori Made Manageable'

DECIMAL SYSTEM	MEMORIZATION	OPERATIONS		DECANOMIAL	FRACTIONS		MEASUREMENTS		TIME	GEOMETRY		
Golden Beads	ADDITION	STATIC +	DYNAMIC +	Horizontal	Family Names		Metric		Hour	Geometric Solids		
Layout Symbols	Snake Game	Golden Beads	Golden Beads	Vertical	whole	sixths	Length	Weight	Half Hour	Geometry Cabinet		
Quantity / Symbol	Strip Board	Stamp Game	Stamp Game	Angular	halves	sevenths	Capacity		Quarter Hour	Drawer 1 – Circles		
Magic Slide	Charts	Bead Frame	Bead Frame	Tower	thirds	eighths	Temperature		5 Minutes	Drawer 2 – Rectangles		
The Change Game	SUBTRACTION	No Materials	No Materials	Numerical	fourths	ninths	Customary		1 Minute	Drawer 3 – Triangles		
The Dot Game	Snake Game	STATIC -	DYNAMIC -	MULTIPLES	fifths	tenths	Length	Weight	Digital Clock	Drawer 4 – Polygons		
	Strip Board	Golden Beads	Golden Beads	One Set of Multiples	Equivalence		Capacity			Drawer 5 – Quadrilaterals		
	Charts	Stamp Game	Stamp Game	More than 1 Set	+ Like Denominators		Temperature		ROMAN NUMERALS	Drawer 6 – Curved Figures		
NUMERATION	MULTIPLICATION	Bead Frame	Bead Frame	Sieve of Erastothenes	- Like Denominators		Customary to Metric		I	C	Constructive Triangles	
Teens Board	Bead Bars	No Materials	No Materials	Least Common Multiples	+ Unlike Denominators		Metric to Customary		V	D	Point	Line / Surface
Tens Board	Multipl. Board	STATIC x	DYNAMIC x	Greatest Common Factor	- Unlike Denominators				X	M	Lines	
Hundred Board	Charts	Golden Beads	Golden Beads		Multiplication		MONEY		L		Angles	
Hundred Chain	DIVISION	Stamp Game	Stamp Game	SQUARING	Division		$.01 / $.10	$.50 / $5	Roman to Cardinal		Polygons	
Thousand Chain	Unit Division Board	Bead Frame	Bead Frame	Forming Squares 1-10	Reducing		$.05 / $.25	$1 / $10	Cardinal to Roman		Triangles	
Ordinals	Charts	Bank Game	Bank Game	Analysis of Square	Conversion to Decimals		Addition				Quadrilaterals	
< = >	BEAD CABINET	Checkerboard	Checkerboard	Square of a Binomial	Probability		Subtraction		PROBLEM SOLVING		Circles	
Estimating	10^2	10^3	No Materials	No Materials	Square of a Trinomial		Multiplication		Rephrase the Problem		Similarity	
Rounding	9^2	9^3	STATIC ÷	DYNAMIC ÷	One ^{2} to Successive ^{2}	DECIMALS	Division		One Step Problem		Equivalent	
	8^2	8^3	Golden Beads	Golden Beads	One ^{2} to Non-Successive ^{2}	Decimal Board	Greater Than		Two Step Problem		Congruent	
	7^2	7^3	Stamp Game	Stamp Game		Addition	Less Than				Perimeter	
	6^2	6^3	Test Tube	Test Tube		Subtraction	Estimating				Area	
	5^2	5^3	No Materials	No Materials	ALGEBRA	Decimal Checkerboard	Rounding				Volume	
	4^2	4^3	Wooden Hierarchical Material		Solving Equations	Multiplication	GRAPHS		MATH VOCAB		EQUIPMENT	
	3^2	3^3			Number Line (+ & -)	Division			dozen		Calculator	Scale
	2^2	2^3			Identity / Commutative	Conversion to Fractions			½ dozen		Computer	Ruler
	1^2	1^3			Distributive / Associative	Probability			pair		Thermometer	Compass