

# AMS Recommended Elementary Materials at Montessori 123

AMS Recommended Materials	Lower Elementary	Transition	Upper Elementary	Available at Montessori 123	Extension Material at Montessori 123
<b>MATH</b>					
Materials for History of Math	x		x	<a href="#">History of Numbers</a>	
Quantity of Golden Bead Material	x				
Quantity of Short Bead Stair Bars	x				
(Arithmetic) Memorization Charts and Equations	x				<a href="#">Money Math Problems</a>
Decimal Fraction Material	x		x	<a href="#">Fraction Nomenclature and Problem Cards</a>	
Decimal Checkerboard			x		
Guide Squares			x		
Squaring and Square Root Pegboard			x		
Cubing Material			x		
Algebraic Trinomial			x		
Systems of Numeration (Bases) Materials			x		
Multi-Base Bead Frame			x		
Power of Two			x		
Power of Three			x		
Fraction Skittles and Insets	x		x		
Fraction Insets (angle measurement and percents)	x		x		
Fractions (Parts of a Circle – working pieces)	x		x		<a href="#">Fraction Nomenclature and Problem Cards</a>
Materials for:					
Ratio and Proportion			x		
Principal/Interest/Rate/Time			x		
Velocity/Distance/Time			x		
Math Word Problems	x		x	Math Word Problem Sets ( <a href="#">Preschool</a> , <a href="#">Money</a> , <a href="#">Time</a> , <a href="#">Level 1</a> , <a href="#">Level 2</a> )	
<b>GEOMETRY</b>					
Geometric Cabinet	x				<a href="#">Polygons Photo Sorting, Cabinet 3-Part Cards</a>
Constructive Triangles	x		x		
Geometric Solids	x				<a href="#">Solids Photo Sorting, Solids 3-Part Cards</a>
Geometry Stick Material	x		x		
Classified Nomenclature	x		x	<a href="#">Lines, Angles, Triangles, Solids, Polygons (Cabinet) 3-Part Cards with Descriptions</a>	
<b>LANGUAGE</b>					
Materials for the Study of the History of Language	x		x	<a href="#">History of Writing</a>	
Comprehensive Phonetic Reading Program	x				<a href="#">Phonetic 3-Part Cards</a>
Printed Bi-color Movable Alphabet	x				
Phonetic Word Building Activities	x				
Sandpaper Letters for Handwriting	x				
Words to Pictures Cards	x			<a href="#">Phrase to Photo 3-Part Cards</a>	
Sentences to Pictures Cards	x			<a href="#">Sentence to Photo 3-Part Cards</a>	

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Puzzle Words (Sight Words/Non-phonetic)	x				
Command Cards: 1, 2, 3 Actions	x				<a href="#">Reading Tasks</a>
Word Studies Activities	x		x	<a href="#">Word Study Match</a> , <a href="#">Word Study Puzzlers (train)</a>	
Mini Environments and labels	x				
Grammar Boxes	x		x		
Grammar Symbols and Activities	x		x	<a href="#">Grammar Stories</a> , <a href="#">Grammar Sentences</a>	
Sentence Analysis Charts and Boxes with Arrows for Sentence Analysis/Reading Analysis/Sentence Construction/ Logical Analysis	x		x		
Material for Irregular Verbs	x		x		
Material for Verb Forms		x	x		
<b>GEOGRAPHY - POLITICAL</b>					
Puzzle Maps of Continents/Control Maps	x				
Flags of The World and Stands	x				<a href="#">Flags of the World 3-Part Cards</a>
Nomenclature of the Flag	x			<a href="#">Parts of a Flag</a>	<a href="#">Historical US Flags</a>
Physical and Political Pin Maps	x	x			<a href="#">Labels for Continents</a>
<b>GEOGRAPHY - PHYSICAL</b>					
Land Forms	x				<a href="#">Landforms and Waterforms with Photos</a>
Classified Nomenclature for Geography	x		x	<a href="#">Parts of a Mountain</a> , <a href="#">Parts of a Volcano</a> , <a href="#">Parts of a River</a> , <a href="#">Parts of a Glacier</a>	
Geography Experiments supporting Impressionistic Charts	x		x		
Geography Impressionistic Charts	x		x		
The Universe, The Solar System and the Earth	x		x		<a href="#">Origin of the Universe</a>
Solar Energy and The Earth	x		x		
Movements of the Earth/Consequences	x		x		
The Atmosphere and Its Phenomena		x	x		
The Work of the Wind		x	x		
The Hydrosphere and Its Phenomena		x	x		
Detailed Format for In-depth Study of a Country		x	x	<a href="#">Geography Research Cards</a>	
<b>HISTORY MATERIALS</b>					
Coming of Humans	x		x		
Concept of Time	x				
Day, Week, Month, Year, Year and Its Parts, Seasons	x			<a href="#">Months</a> and <a href="#">Days</a> 3-Part Cards	
Personal Time Lines	x				
Clock Work	x			<a href="#">Telling Time 3-Part Cards</a> , <a href="#">Time Word Problems</a>	
BCE and CE and/or BC-AD Time Line with Golden Bead materials, Century Label Cards, and selection of representative pictures	x		x		<a href="#">BC AD Timeline Cards</a>
Long Black Line (timeline)	x	x			
Clock of Eras	x	x			

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Timeline of Life/Control and Mute	x		x	<a href="#">Timeline of Life Riddle Stories</a>	
Fundamental Needs of People: Timeline and selection of cards from several time periods/ civilizations	x	x		<a href="#">Fundamental Needs of People Kit</a>	<a href="#">Ancient Civilizations</a>
Timeline of People		x	x		
Timelines for the Study of Civilizations		x	x	<a href="#">Ancient Civilizations</a>	
Timeline of Child's Own Civilization/Country			x		
<b>LIFE SCIENCE MATERIALS</b>					
Timeline of Life	x		x	<a href="#">Timeline of Life Riddle Stories</a>	
<b>ZOOLOGY MATERIALS</b>					
Pictures of Vertebrates and Invertebrates for sorting and further classification	x			<a href="#">Vert/ Invert Sorting</a>	
Classified Nomenclature of External Parts of Vertebrates (Wall Charts, 3 Part Cards, booklets)	x			<a href="#">Parts of Vertebrates</a>	
Classified Nomenclature of Internal Parts of Vertebrates (Wall Charts, 3 Part Cards, booklets)	x				<a href="#">Human Organs with Objects</a>
Animal First Knowledge Stories (picture, label, story)	x			<a href="#">Animal Riddle Stories</a>	
Animal First Knowledge Questions and Answers	x			<a href="#">Animal Riddle Stories</a>	
Five Kingdom/Animal Kingdom Classification Charts	x			<a href="#">Animal Classification 3-Part Cards</a>	
Classified Nomenclature of Invertebrates	x			<a href="#">Parts of Animals</a>	
Five Kingdoms Chart/Domains of Life	x				<a href="#">Five Kingdoms Classification, Sorting Set</a>
Five Kingdoms/Domains of Life Material		x	x	<a href="#">Five Kingdoms Classification, Sorting Set</a>	
Comparative Functions of Animal Systems			x		
Great River Materials (study of human body)			x		<a href="#">Human Organs with Objects</a>
<b>BOTANY MATERIALS</b>					
Botany Classified Nomenclature for: Plant, Roots, Stem/Trunk, Leaves, Flowers, Fruits, Seeds	x			Parts of Plants for each type: <a href="#">Classified Set</a>	
Botany Impressionistic Charts	x				
Plant First Knowledge Stories (picture, label, story)	x			<a href="#">Plant Riddle Stories</a>	
Plant Classification Charts		x	x		
Plant First Knowledge Questions and Answers		x	x	<a href="#">Plant Riddle Stories</a>	
Advanced Botany Classified Nomenclature for more specific parts of the parts of the plants			x	Parts of <a href="#">Moss</a> , <a href="#">Tomato Plant</a> , <a href="#">Fern</a> , <a href="#">Pine Tree</a>	