

Montessori Scope and Sequence Visual Outline

Infant	Environment	Bassinet		
		Floor Bed		
		Mirror		
		Art work at baby's eye level		
		Nursing area		
		Changing area		
		Mobiles		
		Low shelf for toys/baskets		
		Personal Care area		
		Exploring the Environment		Mobiles
	Octahedron mobile			
	Gobi mobile			
	Dancers mobile			
	Grasping			Grasping beads
				Bell on a ribbon
				Lightweight grasping toys (grasping ring)
				Small rattle
				Interlocking discs
				Puzzle ball
	Sensory Exploration	Egg and cup (or Palmer Cylinder or peg person and cup)		
Black and white contrast pictures, fabric, etc				
Bell on a ribbon				
Small rattle				
Soft doll				
Photo album				
Soft blocks				
Teethers				
Bell cylinder				
Ball cylinder				

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Infant (cont.)	Exploring the Environment (cont.)	Sensory Exploration (cont.)	Treasure Baskets (parent shows, baby discovers)	Color		
				Shape (3 dimensional, 2 dimensional)		
				Containers		
				Nature		
				Household objects (bathroom, kitchen, etc)		
				Textures		
				Puzzle Ball		
				Floor drum		
				Fabric squares		
				Egg and cup (or Palmer Cylinder or peg person and cup)		
			Sensory bins			
		Object Permanence	Partially hide toy under blanket			
			Object Permanence Box with Tray			
			Fully hide toy under blanket			
			Hide toy in container			
			Object Permanence Box with Drawer			
		Hand-Eye Coordination	Imbucare Boxes	Rectangle		
				Triangle		
				Cube		
				Small Cylinder		
Knitted Ball and Drawer						
Large Cylinder						
Multi-Shape sorter						
Single shape puzzle						
Graduated sizes puzzle						
Multiple shapes puzzle						
Stacking Rings						
Discs on a horizontal dowel						
Discs on a vertical dowel						

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Infant (cont.)	Exploring the Environment (cont.)	Hand-Eye Coordination (cont.)	Colored discs on colored dowels	
			Twist and sort dowel	
			Cubes on a vertical dowel	
			Pounding pegs or balls	
			Nesting cups	
	Movement	Movement	Floor bed	
			Tummy time	
			Rolling over	
			Scotting	
			Sitting up	
			Crawling	Crawling
			Push toy (car, animal on wheels)	
			Pulling up to standing	
			Walking with assistance	Walking Wagon
			Holding hands	
	Stair climbing			
	Walking	Walking with out assistance		
	Pull toy			
	Feeding	Feeding	Breast/Bottle feeding	
			Introduction of solids	
			Self-feeding	
			Weaning table	
	Language	Language	Speaking to the child	
			Reading to the child	
Singing to the child				
Nursury Rhymes				
Nature walks				
Verbally labeling objects for the child				

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Practical Life	Fine Motor Skills	Whole Hand Grasp	Transferring	Hand Transfer	
				Pouring	
				Spooning & Scooping	
				Sponge transfer	
				Baster transfer	
				Eyedropper transfer	
				Syringe transfer	
			Spray bottle		
			Lids and containers (opening and closing)		
			Stamping		
	Hole punch				
	Stapling				
	Pincer Grasp	Clothespins	Balls to bowl and/or egg cup		
			Tonging	Cotton balls to bowl and/or egg cup	
				Chopsticks	
				Stringing beads	
			Buliding with blocks		
			Puzzles with large knobs		
			Puzzles with small knobs		
			Metal Insets		
Tearing paper					
Stamping					
Lock & key					
Correct pencil grip					
Scissors					
Braiding					

Montessori Scope and Sequence Visual Outline

Practical Life (cont.)	Fine Motor Skills (cont.)	Circular Arm Movements	Scrubbing	Table	
				Chalkboard	
				Easel	
				Wood	
		Circular Wrist Motion	Circular Arm Movements	Polishing	Metal
					Shoes
				Nuts & bolts	
				Rolling a mat or rug	
				Tearing paper	
				Cutting paper	
	Circular Wrist Motion		Wringing washcloth		
			Using a whisk		
			Sweeping with a dustpan & brush		
			Pouring	Dry pouring	
	Gross Motor Skills	Circular Wrist Motion		Wet pouring (one to another)	
				Large to small (one container to two or more)	
				Pouring through a funnel	
				Pouring an exact amount (measuring cup)	
				Easel cleaning	
Control of Movement	Gross Motor Skills	Swinging			
		Running			
		Jumping			
		Rolling a ball			
		Kicking a ball			
		Skipping			
		Hopping on two feet			
Hopping on one foot					
Control of Movement	Gross Motor Skills	Marching			
		Walking on tip-toe			
		Sweeping the floor	Broom		
		Carpet sweeper			

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Practical Life (cont.)	Control of Movement (cont.)	Walking on the line		
		Walking on the line with an object		
		Sitting and getting up from a chair		
		Using a knife		
		Carrying	Floor or table mat	
			Tray	
			Bucket	
			Jug	
			Chair	
			Table	
		Opening and closing a door		
		Sweeping the floor	Dustpan & brush	
			Broom	
			Carpet sweeper	
		Sewing progression	Threading beads	
			Lacing cards	
			Threading a needle	
			Sewing button	
			Sewing shape	
			Sewing seam	
			Weaving	
		Tools	Embroidery/cross-stitch	
			Nuts & bolts	
Lock & key				
Metal Insets	Hammering			
	Scissors			
Pouring	Dry pouring			
	Wet pouring (one to another)			
	Large to small (one container to two or more)			
	Pouring through a funnel			
	Pouring an exact amount (measuring cup)			

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Practical Life (cont.)	Control of Movement (cont.)	Spooning & scooping		
		Filling a pitcher at the sink		
		Ringing a bell		
		Folding	cloths	
			tissues	
			paper	
		Care of books	Removing from the shelf	
			Opening	
			Turning the pages	
			Replacing on the shelf	
	Braiding			
	Personal Care	Grooming	Potty training	
			Bathroom hygiene	
			Washing hands	
			Washing face	
			Blowing nose	
			Using napkin	
			Combing & brushing hair	
			Care of fingernails	
		Dressing Practice	Dressing frame: Buttoning	
Dressing frame: Snapping				
Dressing frame: Zipping				
Dressing frame: Hooks & Eyes				
Dressing frame: Buckles				
Dressing frame: Tying				
Dressing frame: Lacing				
		Dressing frame: Safety pins		
Dressing		Names of clothes		
		Dressing & undressing		
		Taking off a coat		
		Putting on a coat		
	Hanging clothes and coats	On hook		
		On hanger		
	Putting on an apron			
Ironing				

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Practical Life (cont.)	Care of Environment	Dusting		
		Sweeping	dustpan & brush broom carpet sweeper	
		Mopping the floor		
		Cleaning spills		
		Wiping a table		
		Washing a dish		
		Drying a dish		
		Washing a cup		
		Drying a cup		
		Care of books		
		Flower arrangement		
		Hanging clothes & coats	On hook On hanger	
		Making beads		
		Food Preparation	Names of foods, including fruits and vegetables	
	Using a knife		spreading (jam, peanut butter) cut and spread (butter, cream cheese) blunt knife (banana, tofu) sharpened knife (bread, apples)	
	Using a rolling pin			
	Cracking a nut			
	Peeling carrots			
	Stirring batter			
	Sifting			
	Grace and Courtesy		Greeting people	
			Saying goodbye	
			Saying "Please" & "Thank you"	
		Saying excuse me		
		Introduction of one's self		
		Knowledge of ground rules		
		Flower arranging		
		Table setting		

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Practical Life (cont.)	Grace and Courtesy (cont.)	Snack set-up	
		Kindness to visitors	
		Using an indoor voice	
		Taking turns	
		Listening to others	
		Knocking on a door	
		The silence game	
		Restaurant manners	
		Playground manners & rules	
		Yawning	
		Coughing	
		Interrupting	
		Offering help	
Expressing admiration			

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Sensorial	Sorting/Visual Discrimination	By color (sorting)	Names of colors
		By shape (sorting)	Names of shapes
		By size (sorting & visual discrimination)	Red Rods
			Red & Blue Rods
			Blindfolded sorting
			Square of Pthagoras
		Matching identical items (visual discrimination)	Object to object
			Object to picture
			Picture to object
			Picture to picture
	Whole to part: Scenes		
	Whole to part: Picture formation		
		Patterning: Shapes and cards	
		What's missing?	
	Geometric Cabinet	Names of shapes	
		Metal Insets	
		Geometry cards	
		Demonstraton Tray (circle, triangle, square)	
		Drawer 1: Circles	
		Drawer 2: Rectangles	
		Drawer 3: Triangles	
Drawer 4: Regular Polygons			
Drawer 5: Curvilinear Figures			
Drawer 6: Rectilinear Figures			
Visual	Cylinder Blocks	Block one	
		Block two	
		Block three	
		Block four	
	Pink Tower		
	Color Boxes	Box 1	
Box 2			
Box 3 (follows Binomial Cube in sequence)			
Broad Stair			
Geometric Cabinet			

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Sensorial (cont.)	Visual (cont.)	Constructive Triangles	Rectangular Triangles			
			Blue Triangles			
			Triangle Box (follows Knobless Cylinders)			
			Small Hexagonal Box (follows Triangle Box)			
			Large Hexagonal Box (follows Color Box 3)			
		Colored/Knobless Cylinders	Set one (red)			
			Set two (blue)			
			Set three (green)			
			Set four (yellow)			
			Leaf/Botany Cabinet			
	Tactile	Red Rods	Square of Pythagoras			
			Binomial Cube			
			Trinomial Cube			
			Superimposed Geometric Figures			
			Touch/Feel		Baric	Fabric box
						Rough and smooth
	Touch Boards					
	Touch Tablets					
	Sandpaper Letters					
	Sandpaper Numerals					
Thermic	Stereognostic	Sandpaper Globe				
		Baric Tablets				
		Thermic Bottles				
		Thermic Tablets				
Geometric Solids	Mystery Bag	Blindfolded sorting (grains and other objects by size/type)				
		Mystery Bag				

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Sensorial (cont.)	Auditory	Recognizing sounds in environment		
		Animal sounds		
		Sound Cylinders		
		Playing instruments		
		Bells		Matching notes
	Taste	Tasting Bottles		Grading notes
		Smell		Smelling Bottles
	Time	Preliminary		Day & night
				Seasons
				Days of the week
				Months of the year
				Birthday Celebration
		Using Time		Daily calendar
				Timeline of child's life
Sequence Cards				
	Events chart			
	Clock/Telling time			

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Mathematics	Number and Quantity	Concrete	Red Rods		
			Red and Blue Rods		
		Transitional	Red and Blue Rods with Sandpaper Numerals		
			Spindle Boxes		
			Cards and Counters		
		Symbolic	Sandpaper numerals		
	Arithmetic, Decimal System and Algebra	Preliminary	Pink Tower		
			Brown Stair		
			Red Rods		
		Arithmetic/Operations with Whole Numbers	Concrete		Teen Beads
					Golden Beads (incl. Bank Game)
					Linear Counting with Beads
					Skip Counting with Beads
					Positive Snake Game
					Negative Snake Game
Arithmetic/Operations with Whole Numbers	Transitional	Multiplication Bead Box			
		Bead Frame (Abacus)			
		Teen Boards with Beads			
		Addition Strip Board			
		Subtraction Strip Board			
		Multiplication Strip Board			
Arithmetic/Operations with Whole Numbers	Transitional	Unit Division Board			
		Stamp Game			
		Dot Game			
Arithmetic/Operations with Whole Numbers	Transitional	Wooden Hierarchical Materials (Cuisenaire Rods)			
		Racks and Tubes (Test Tube Division)			
Arithmetic/Operations with Whole Numbers	Transitional	Fraction Circles			

Montessori Scope and Sequence Visual Outline

Mathematics (cont.)	Arithmetic, Decimal System and Algebra (cont.)	Arithmetic/Operations with Whole Numbers (cont.)	Symbolic	Teen Boards Hundred Board Addition Chart Subtraction Chart Multiplication Chart Division Chart Word Problems
		Operations	Linear Counting with Beads Skip Counting with Beads Exchanging Golden Beads (Bank Game) Positive Snake Game Addition Strip Board Addition Chart Stamp Game Dot Game Negative Snake Game Subtraction Strip Board Subtraction Chart Multiplication Bead Box Multiplication Strip Board Multiplication Chart Unit Division Board Division Chart Bead Frame (Abacus) Wooden Hierarchical Materials (Cuisenaire Rods) Racks and Tubes (Test Tube Division) Word Problems	
		Decimal System & Fractions		Red & Blue Rods Golden Beads Decimal Cards Wooden Hierarchical Materials (Cuisenaire Rods) Fraction Circles

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Mathematics (cont.)	Arithmetic, Decimal System and Algebra (cont.)	Algebra	Square of Pythagoras		
			Binomial Cube		
			Trinomial Cube		
	Place Value	Teen Beads			
		Teen Boards with Beads			
		Teen Boards			
		Golden Beads			
		Hundred Board			
		Stamp Game			
		Decimal Cards			
		Bead Frame (Abacus)			
		Wooden Hierarchical Materials (Cuisenaire Rods)			
		Money	Identify units of currency		
			Coins		
	Geometry	Geometric Cabinet	Demonstrator Tray (circle, triangle, square)		
			Drawer 1: Circles		
			Drawer 2: Rectangles		
			Drawer 3: Triangles		
			Drawer 4: Regular Polygons		
			Drawer 5: Curvilinear Figures		
		Drawer 6: Rectilinear Figures			
	Constructive Triangles	Rectangular Triangles			
		Blue Triangles			
		Triangle Box			
		Small Hexagonal Box			
		Large Hexagonal Box			
	Superimposed Geometric Figures				
	Symmetry				

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Language Arts	Visual Discrimination & Concept Development	Concrete Relationships	Object to object	
			Object to picture	
			Picture to object	
			Picture to picture	
			Whole to part: Scenes	
			Whole to part: Picture formation	
			Patterning: Shapes and cards	
			What's Missing?	
		Symbolic Relationships	Alike and not alike	
			Things that go together	
			What doesn't belong?	
			Opposites matching cards	
			Sequence cards (beginning, middle, end)	
			"I Spy" Game	
	Vocabulary Development	Sandpaper Letters		
		Moveable Alphabet		
		Names of objects in the environment		
		Names of colors		
		Names of foods, including fruits and vegetables		
		Names of shapes		
		Names of attributes		
Names of clothing				
Names of body parts				
Names of animals				
Writing	Classified cards (Three-part cards)			
	Metal Insets			
	Sandpaper Letters			
	Moveable Alphabet			
	Correct pencil grip			
	Markers			
	Crayons			
	Writing individual letters			

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Language Arts(cont.)	Writing (cont.)	Writing families of letters		
		Positioning letters on lines		
	Speaking Skills	Singing		
		Retelling stories		
	Listening Skills	Reading to the child	Nursery rhymes	
			Simple stories	
			Picture books	
			Story books	
			Stories with puppets	
		Stories with flannel boards		
	Verbal Skills	Singing		
		Retelling stories		
	Reading	Environment	Care of books	
			Quiet reading area	
		Words	Sandpaper Letters	
			Moveable Alphabet	
			Recognition of child's name	
			Classified Cards (Three-Part cards)	
			"I Spy" Game	
			Phonetic Object Box	
Puzzle (Sight) Words				
Phonogram Folders			Pink Reading Series (cvc, short vowels)	
			Blue Reading Series (ccvc, digraphs/consonant clusters)	
			Green Reading Series (cvcc, bully e, long vowels)	
Function of Words & Symbol Boxes				
Word Study	Reading Charts			
	Writing Charts: Plurals			
	Reading Tickets: Word Association			

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Language Arts(cont.)	Reading (cont.)	Sentences/Grammar	Function of Words & Symbol Box	Article		
				Adjective		
				Conjunction		
				Preposition		
				Verb		Transitive & Intransitive
						Past and Present
						Mental Action
		Change of Action, Verb to Noun				
		Adverb				
		Reading Analysis & Symbol Box	Simple Sentences: 1st Stage			
Simple Sentences: 2nd Stage						
Word Study						
Comprehension	Retell stories					
	Word problems					

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Culture	Physical Science & Chemistry	Magnets				
		Sink and float				
		Raising water levels				
		Wheels & Belts				
		Gravity				
		Optics				
		States of matter				
		Light Electricity				
	Life Science	Health	Names of body parts			
			The Human Body	Skeletal system		
				Circulatory system		
				Senses		
			Nutrition			
			Human development (feelings)			
		Botany	Preliminary		Names of fruits and vegetables	
					Care of plant	
			Gardening		Planting seeds	
					Watering plants	
					Seasons	
					Importance of the sun	
	Weeding					
	Harvesting					
Scientific		Leaf/Botany Cabinet				
		Basic parts of plants				
		Parts of the leaf				
		Parts of the seed				
		Parts of the fruit				
		Parts of the flower				
	Plant and animal sorting					

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Culture (cont.)	Life Science (cont.)	Zoology	Preliminary	Animal sounds	
				Animal mothers and babies	
				Animals of the world	
				Living & Non-living	
				Sea life	
			Classification	Plant & animal sorting	
				Vertebrates & invertebrates	
				Classes of animals	
				Life cycles	
	Animal Physiology	Basic parts of a fish			
		Basic parts of a frog			
		Basic parts of a turtle			
		Basic parts of a bird			
		Basic parts of a horse			
	Planetary Science	Geography	Sandpaper Globe		
			Continent Globe		
			Location of child's own continent		
			Puzzle Map of the Hemispheres		
			Puzzle map of the child's own continent		
Location of child's own country					
Puzzle map of the child's own country					
Outline Maps					
Flags					
Classified Cards of Flags/Parts of Flags					
List of countries & corresponding continent outline map					
Introduction to compass directions					

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Culture (cont.)	Planetary Science (cont.)	Land/Air/Water	Introduction of the three elements (land/air/water)	
			Land and Water Forms	Lake-Island
				Gulf-Peninsula
				Strait-Isthmus
				Bay-Cape
			Lake system-Archipelago	
		Land & Water Form Cards		
		Land & Water Definitions		
		Water Cycle (evaporation & condensation)		
		Weather	Preliminary	Daily calendar
	Scientific		The Water Cycle (evaporation & condensation) Weather patterns & events	
	Earth Science	Volcanoes		
		Rocks		
		Solar System		
		Oceans		
	History	Timeline of child's life		
		History Stories		
		Linear Timelines		
		Events Charts		
		Dinosaurs & Early Mammals		
Art	Materials	Dough/Clay		
		Paint		
		Crayons		
		Markers		
		Chalk		
		Glue		
		Glue sticks		
		Tape		
		Stapling		
		Easel		
Drying rack				

Montessori Scope and Sequence Visual Outline

Culture (cont.)	Art (cont.)	Tools	Scissors			
			Hole punch			
		Techniques & Technical aspects	Color Boxes			
			Tearing paper			
			Simple collages			
			Stamping			
			Sewing progression		Threading beads	
					Lacing cards	
					Threading needle	
					Sewing button	
	Sewing shape					
	Sewing seam					
		Weaving				
		Embroidery/Cross-stitch				
		Folding paper				
		Mixing colors				
		Color wheel				
	Music & Movement	Playing instruments	Triangle			
			Rhythm sticks			
			Wood blocks			
Tambourine						
Maracas						
Finger cymbals						
Cymbals						
Bells						
Singing		Finger plays				
		Songs with action or movement				
	Simple songs					
	Rhymes					
Dancing	Simple dances(Hokey Pokey)					
	Freeform movement					