

Montessori Foundation Curriculum Scope and Sequence: Ages 3 to 12

Commonly, by the end of the span of age or grade levels indicated below, students will be able to demonstrate the following skills, knowledge, and/or understanding:

Area	Strand	Lesson/Material	Curriculum Element	Age 3	Age 4	KG	1st	2nd	3rd	4th	5th	6th	ID #
Sensorial	Discrimination of Size 1	Cylinder Blocks	Works with materials as presented, placing cylinders in correct sockets using visual and stereognostic sense: Block 1.	●	●	●							1
Sensorial	Discrimination of Size 1	Cylinder Blocks	Places cylinders in correct sockets using visual and stereognostic sense: Block 2.	●	●	●							2
Sensorial	Discrimination of Size 1	Cylinder Blocks	Works with materials as presented, placing cylinders in correct sockets using visual and stereognostic sense: Block 3.	●	●	●							3
Sensorial	Discrimination of Size 1	Cylinder Blocks	Works with materials as presented, placing cylinders in correct sockets using visual and stereognostic sense: Block 4.	●	●	●							4
Sensorial	Discrimination of Size 1	Cylinder Blocks	Works with any two blocks together, placing cylinders in correct sockets using visual and stereognostic sense.	●	●	●							5
Sensorial	Discrimination of Size 1	Cylinder Blocks	Works with any three blocks together, placing cylinders in correct sockets using visual and stereognostic sense.	●	●	●							6
Sensorial	Discrimination of Size 1	Cylinder Blocks	Works with all four blocks together, placing cylinders in correct sockets using visual and stereognostic sense.	●	●	●							7
Sensorial	Discrimination of Size 1	Cylinder Blocks	Combines and uses material in novel ways.		●	●							8
Sensorial	Discrimination of Size 2	Pink Tower	Works with materials as presented, placing cubes in relation to one another to demonstrate visual discrimination of size in three dimensions.	●	●	●							9
Sensorial	Discrimination of Size 2	Pink Tower	Uses smallest cube to indicate unit of difference.	●	●	●							10
Sensorial	Discrimination of Size 2	Pink Tower	Combines and uses material in novel ways.	●	●	●							11
Sensorial	Discrimination of Size 2	Pink Tower: Language	Identifies and describes cubes according to size.	●	●	●							12
Sensorial	Discrimination of Size 2	Pink Tower: Language	Uses language to describe size in context.	●	●	●							13

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Sensorial	Discrimination of Size 3	Brown Stair	Works with materials as presented, placing prisms in relation to one another to demonstrate visual discrimination of width.	●	●	●							14
Sensorial	Discrimination of Size 3	Brown Stair	Uses narrowest prism to indicate unit of difference.	●	●	●							15
Sensorial	Discrimination of Size 3	Brown Stair	Combines and uses material in novel ways.	●	●	●							16
Sensorial	Discrimination of Size 3	Brown Stair: Language	Identifies and describes prisms according to width.	●	●	●							17
Sensorial	Discrimination of Size 3	Brown Stair: Language	Uses language to describe width context.	●	●	●							18
Sensorial	Discrimination of Size 4	Pink Tower and Brown Stair	Combines and uses material in novel ways.	●	●	●							19
Sensorial	Discrimination of Size 5	Red Rods	Works with materials as presented, placing prisms in relation to one another to demonstrate visual discrimination of length.	●	●	●							20
Sensorial	Discrimination of Size 5	Red Rods	Uses shortest rod to indicate unit of difference.	●	●	●							21
Sensorial	Discrimination of Size 5	Red Rods	Combines and uses material in novel ways.	●	●	●							22
Sensorial	Discrimination of Size 5	Red Rods: Language	Identifies and describes rods according to length.	●	●	●							23
Sensorial	Discrimination of Size 5	Red Rods: Language	Uses language to describe length in context.	●	●	●							24
Sensorial	Discrimination of Size 6	Knobless Cylinders	Works with materials as presented, one set at a time, ordering sets of cylinders based on ability to discriminate size in three dimensions: yellow set.	●	●	●	●						25

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Sensorial	Discrimination of Size 6	Knobless Cylinders	Works with materials as presented, one set at a time, ordering sets of cylinders based on ability to discriminate size in three dimensions: red set.	●	●	●	●						26
Sensorial	Discrimination of Size 6	Knobless Cylinders	Works with materials as presented, one set at a time, ordering sets of cylinders based on ability to discriminate size in three dimensions: blue set.	●	●	●	●						27
Sensorial	Discrimination of Size 6	Knobless Cylinders	Works with materials as presented, one set at a time, ordering sets of cylinders based on ability to discriminate size in three dimensions: green set.	●	●	●	●						28
Sensorial	Discrimination of Size 6	Knobless Cylinders	Combines any two sets of cylinders demonstrating an ability to relate the sets to one another.	●	●	●	●						29
Sensorial	Discrimination of Size 6	Knobless Cylinders	Combines any three sets of cylinders demonstrating an ability to relate the sets to one another.	●	●	●	●						30
Sensorial	Discrimination of Size 6	Knobless Cylinders	Combines four sets of cylinders demonstrating an ability to relate the sets to one another.	●	●	●	●						31
Sensorial	Discrimination of Size 6	Knobless Cylinders	Combines and uses material in novel ways.		●	●	●						32
Sensorial	Discrimination of Size 6	Language of size consolidation	Uses language of size, length, and width correctly in a variety of contexts.		●	●	●						33
Sensorial	Color 1	Color Box 1	Works with materials as presented, to pair red, yellow, and blue tablets.	●	●								34
Sensorial	Color 1	Color Box 1: Language	Identifies and describes colors in Color Box 1.	●	●	●							35
Sensorial	Color 2	Color Box 2	Works with materials as presented, to match primary, secondary, black, white, gray, pink, and brown color tablets to one another.	●	●	●							36
Sensorial	Color 2	Color Box 2: Language	Identifies and describes colors in Color Box 2.	●	●	●	●						37

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Sensorial	Color 2	Color Box of 32 Pairs	Works with materials as presented, to match various shades of eight colors.		●	●	●						38
Sensorial	Color 3	Color Box 3	Grades tints and tones of various shades, as presented, one color at a time.		●	●	●						39
Sensorial	Color 3	Color Box 3	Grades tints and tones of various shades, as presented, multiple or all colors together.		●	●	●						40
Sensorial	Color 3	Color Box 3	Uses art materials (pencils, paints) to recreate grades of color (e.g., with design insets).		●	●	●						41
Sensorial	Color 3	Color Box 3	Uses materials to mix tints, tones, and secondary colors.		●	●	●						42
Sensorial	Color 3	Color Box 3	Combines and uses material in novel ways.		●	●	●						43
Sensorial	Color 3	Color Box 3: Language	Identifies and describes grades of light or dark.		●	●	●						44
Sensorial	Color 3	Color Box 3: Language	Uses extended language of color in relation to tablets in Color Box 3.		●	●	●						45
Sensorial	Color 3	Color Box 3: Language	Uses language to describe color in context.		●	●	●						46
Sensorial	Weight 1	Baric Tablets	Works with materials as presented, to match tablets of the same weight.		●	●	●						47
Sensorial	Weight 1	Baric Tablets	Works with materials, as presented, to grade tablets of the same weight.		●	●	●						48
Sensorial	Weight 1	Baric Tablets	Combines and uses material in novel ways.		●	●	●						49
Sensorial	Weight 1	Baric Tablets	Identifies and describes grades of weight.		●	●	●						50

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Sensorial	Weight 1	Baric Tablets	Uses language to describe weight in context.		●	●	●						51
Sensorial	Temperature 1	Thermic Tablets	Works with materials as presented to pair tablets made of different materials according to thermic qualities.	●	●	●							52
Sensorial	Temperature 1	Thermic Tablets	Identifies and describes thermic qualities of the different materials.		●	●	●						53
Sensorial	Temperature 2	Thermic Bottles	Refines thermic sense by pairing bottles of the same temperature.		●	●	●						54
Sensorial	Temperature 2	Thermic Bottles	Grades bottles according to temperature.		●	●	●						55
Sensorial	Temperature 2	Thermic Bottles	Combines and uses material in novel ways.		●	●	●						56
Sensorial	Temperature 2	Thermic Bottles	Identifies and describes grades of temperature.		●	●	●						57
Sensorial	Temperature 2	Thermic Bottles	Uses language to describe temperature in context.		●	●	●						58
Sensorial	Taste	Taste Bottles	Works with materials as presented to pair bottles of liquid according to taste.		●	●	●						59
Sensorial	Taste	Taste Bottles	Combines and uses material in novel ways.		●	●	●						60
Sensorial	Taste	Taste Bottles	Identifies and describes tastes.	●	●	●							61
Sensorial	Taste	Taste Bottles	Uses language to describe tastes in context.		●	●	●						62
Sensorial	Shape 1	Images	Pairs identical images.	●	●	●							63

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Sensorial	Shape 2	Geometric Solids	Explores features of Geometric Solid forms using visual and stereognostic senses.	●	●	●							64
Sensorial	Shape 2	Geometric Solids	Categorizes Geometric Solids into various sets according to common shapes of their faces.	●	●	●							65
Sensorial	Shape 2	Geometric Solids & Bases	Matches Geometric Solid forms to plane bases.	●	●	●							66
Sensorial	Shape 2	Geometric Solids & Bases	Combines and uses material in novel ways.		●	●	●	●					67
Sensorial	Shape 2	Geometric Solids: Language	Identifies and names Geometric Solid forms.	●	●	●							68
Sensorial	Shape 2	Geometric Solids: Language	Uses correct vocabulary to name and describe geometric forms in context.		●	●	●	●					69
Sensorial	Shape 3	Geometric Cabinet: Presentation Tray	Explores triangle, circle, and square through visual and stereognostic senses.	●	●	●							70
Sensorial	Shape 3	Geometric Cabinet: Presentation Tray & Cards	Matches geometric figures to solid plane figures.	●	●	●							71
Sensorial	Shape 3	Geometric Cabinet: Presentation Tray & Cards	Matches geometric figures to thick-line figures.	●	●	●							72
Sensorial	Shape 3	Geometric Cabinet: Presentation Tray & Cards	Matches geometric figures to thin-line figures on cards.	●	●	●							73
Sensorial	Shape 4	Geometric Cabinet: Individual Drawers	Explores circles through through visual and stereognostic senses.	●	●	●							74
Sensorial	Shape 4	Geometric Cabinet: Individual Drawers	Explores triangles through visual and stereognostic senses.	●	●	●							75
Sensorial	Shape 4	Geometric Cabinet: Individual Drawers	Explores quadrilaterals through visual and stereognostic senses.	●	●	●							76

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Sensorial	Shape 4	Geometric Cabinet: Individual Drawers	Explores rectangles through visual and stereognostic senses.	●	●	●							77
Sensorial	Shape 4	Geometric Cabinet: Individual Drawers	Explores regular polygons through visual and stereognostic senses.	●	●	●							78
Sensorial	Shape 4	Geometric Cabinet: Individual Drawers	Explores curvilinear figures through visual and stereognostic senses.	●	●	●							79
Sensorial	Shape 4	Geometric Cabinet: Individual Drawers & Card Sets	Works independently with individual drawers and card sets to demonstrate ability to match plane figures to each level of card.	●	●	●							80
Sensorial	Shape 5	Geometric Cabinet: All Drawers	Works with multiple drawers to refine visual and stereognostic discrimination of plane figures.		●	●	●						81
Sensorial	Shape 5	Geometric Cabinet: All Drawers	Works independently with multiple drawers and card sets to demonstrate ability to match plane figures to each level of card.		●	●	●						82
Sensorial	Shape 5	Geometric Cabinet: All Drawers	Matches and sorts geometric figures and cards to form large matrixes classified by shape and type (solid, thick, or thin lines).		●	●	●						83
Sensorial	Shape 5	Geometric Cabinet: All Drawers	Combines and uses material in novel ways.		●	●	●						84
Sensorial	Shape 5	Geometric Cabinet: All Drawers	Classifies shapes according to various categories as represented on Geometric Control Sheet.		●	●	●						85
Sensorial	Shape 6	Geometric Cabinet: Language	Identifies and names geometric plane figures: Presentation Tray.	●	●	●							86
Sensorial	Shape 6	Geometric Cabinet: Language	Identifies and names geometric plane figures: Regular Polygons.	●	●	●							87
Sensorial	Shape 6	Geometric Cabinet: Language	Identifies and names geometric plane figures: Quadrilaterals.	●	●	●							88
Sensorial	Shape 6	Geometric Cabinet: Language	Identifies and names geometric plane figures: Rectangles (including square).	●	●	●							89

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Sensorial	Shape 6	Geometric Cabinet: Language	Identifies and names geometric plane figures: Types of Triangles.	●	●	●							90
Sensorial	Shape 6	Geometric Cabinet: Language	Identifies and names geometric plane figures: Curvilinear Forms.	●	●	●							91
Sensorial	Shape 6	Geometric Cabinet: Language	Uses correct vocabulary to name and describe geometric plane figures in context.	●	●	●	●						92
Sensorial	Shape 7	Pattern	Copies repeating patterns - linear.		●	●							93
Sensorial	Shape 7	Pattern	Constructs own repeating patterns - linear.		●	●	●						94
Sensorial	Shape 7	Pattern	Copies repeating patterns - two-dimensional array.		●	●	●						95
Sensorial	Shape 7	Pattern	Constructs own repeating patterns - two- dimensional array.		●	●	●						96
Sensorial	Shape 7	Pattern	Copies tessellating patterns.		●	●	●						97
Sensorial	Shape 7	Pattern	Constructs own tessellating patterns.		●	●	●						98
Sensorial	Shape 7	Pattern	Combines and uses material in novel ways.		●	●	●						99
Sensorial	Shape 8	Constructive Triangles: Triangular Box	Explores how equilateral triangles can be constructed from other triangles.		●	●	●						100
Sensorial	Shape 8	Constructive Triangles: Small Hexagonal Box	Explores how various triangles that form a hexagon can be combined to form other plane figures.		●	●	●						101
Sensorial	Shape 8	Constructive Triangles: Large Hexagonal Box	Explores how a hexagon is made up from a combination of obtuse triangles and how these are combined to make different plane figures.		●	●	●						102

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Sensorial	Shape 8	Constructive Triangles: Rectangular box	Explores how various triangles combine to make other plane figures.		●	●	●						103
Sensorial	Shape 8	Constructive Triangles: Blue Triangles	Freely explores how various triangles combine to make other plane figures.		●	●	●						104
Sensorial	Shape 8	Constructive Triangles: All Sets	Combines and uses material in novel ways.		●	●	●						105
Sensorial	Shape 8	Constructive Triangles	Explores congruency, equivalency, and similarity.		●	●	●						106
Sensorial	Shape 8	Constructive Triangles	Constructs various stars and polygrams.		●	●	●						107
Sensorial	Shape 9	Circles, Squares, and Triangles	Explores various permutations of superimposed plane figures.		●	●	●						108
Sensorial	Shape 9	Inscribed and Concentric Figures	Combines and uses material in novel ways.		●	●	●						109
Sensorial	Form & color	Binomial Cube	Constructs Binomial Cube as presented.	●	●	●	●						110
Sensorial	Form & color	Binomial Cube	Classifies prisms of Binomial Cube, laying prisms to represent the binomial equation.		●	●	●						111
Sensorial	Form & color	Trinomial Cube	Classifies prisms of Trinomial Cube, laying prisms to represent the trinomial equation.		●	●	●						112
Sensorial	Form & color	Trinomial Cube	Retells the story of <i>The Kings</i> to another child using the Binomial or Trinomial Cube.		●	●	●						113
Sensorial	Smell	Smelling Bottles	Works with materials as presented to pair bottles according to aroma.		●	●	●						114
Sensorial	Smell	Smelling Bottles	Combines and uses material in novel ways.		●	●	●						115

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Sensorial	Smell	Smelling Bottles	Identifies aromas.	●	●	●							116
Sensorial	Smell	Smelling Bottles	Names aromas.	●	●	●	●						117
Sensorial	Smell	Smelling Bottles	Uses language to describe aroma in context.	●	●	●	●						118
Sensorial	Stereognostic	Mystery Bag: Familiar Objects	Works with materials as presented, matching objects using stereognostic sense.	●	●	●	●						119
Sensorial	Stereognostic	Stereognostic Exercises: Large Objects	Sorts objects, such as large buttons or beans, according to size using stereognostic sense.	●	●	●	●						120
Sensorial	Stereognostic	Stereognostic Exercises: Small Objects	Sorts objects, such as small buttons or other Sensorial material according to size using with eyes shut or blindfolded (stereognostic sense).	●	●	●	●						121
Sensorial	Stereognostic	Stereognostic Exercise : All	Combines and uses material in novel ways.	●	●	●	●						122
Sensorial	Tactile 1	Touch Boards: Board A	Works with materials as presented, to experience rough and smooth textures.	●	●	●	●						123
Sensorial	Tactile 1	Touch Boards: Boards A & B	Works with materials as presented, to distinguish rough and smooth textures.	●	●	●	●						124
Sensorial	Tactile 1	Touch Boards: Board C	Works with materials as presented, to distinguish gradations of rough textures.	●	●	●	●						125
Sensorial	Tactile 1	Smooth Gradation Board	Works with materials as presented, to distinguish gradations of smooth textures.	●	●	●	●						126
Sensorial	Tactile 1	Rough Gradation Tablets	Works with materials as presented to match various rough textures.	●	●	●	●						127
Sensorial	Tactile 1	Smooth Gradation Tablets	Works with materials as presented to match various smooth textures.	●	●	●	●						128

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Sensorial	Tactile 1	Rough Tablets	Works with materials as presented to grade rough textures.		●	●	●						129
Sensorial	Tactile 1	Smooth Tablets	Works with materials as presented to grade smooth textures.		●	●	●						130
Sensorial	Tactile 1	Texture Materials: All	Combines and uses material in novel ways.		●	●	●						131
Sensorial	Tactile 1	Texture: Language	Identifies and names grades of roughness.	●	●	●	●						132
Sensorial	Tactile 1	Texture: Language	Identifies and names grades of smoothness.	●	●	●	●						133
Sensorial	Tactile 1	Texture: Language	Uses language to describe texture in context.	●	●	●	●						134
Sensorial	Tactile 2	Fabric Box	Works with materials as presented, to pair different types of fabric according to textures.	●	●	●	●						135
Sensorial	Tactile 2	Fabric Box: Language	Names types of fabric.	●	●	●	●						136
Sensorial	Tactile 2	Fabric Box: Language	Uses language to name various fabrics.	●	●	●	●						137
Sensorial	Tactile 2	Fabric Box: Language	Uses language to name and describe fabrics in context.		●	●	●						138
Sensorial	Sound 1	Sound Cylinders: Volume	Pairs cylinders according to sound.	●	●	●	●						139
Sensorial	Sound 1	Sound Cylinders: Volume	Grades one set of cylinders according to sound.		●	●	●						140
Sensorial	Sound 1	Sound Cylinders: Volume	Combines and uses material in novel ways.		●	●	●						141

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Sensorial	Sound 1	Sound Cylinders: Language	Identifies and describes grades of volume of sound.		●	●	●						142
Sensorial	Sound 1	Sound Cylinders: Language	Uses correct vocabulary to describe the volume of sounds in context.		●	●	●						143
Sensorial	Sound 2	Bells: Pitch	Handles bells carefully and appropriately.		●	●	●						144
Sensorial	Sound 2	Bells: Pitch	Pairs corresponding bells.		●	●	●						145
Sensorial	Sound 2	Bells: Pitch	Grades bells according to C-Major Scale.		●	●	●						146
Sensorial	Sound 2	Bells: Pitch	Pairs corresponding bells.		●	●	●						147
Sensorial	Sound 2	Bells: Pitch	Grades full set of bells.		●	●	●						148
Sensorial	Sound 2	Bells: Pitch	Sings notes played on the Montessori Bells - either in a single-syllable, tonic sol-fa or naming notes.		●	●	●						149
Sensorial	Sound 2	Bells: Pitch	Composes own melody on bells.		●	●	●						150
Sensorial	Sound 2	Bells: Pitch	Copies a random series of notes played by another.		●	●	●						151
Sensorial	Sound 2	Bells: Pitch	Combines and uses material in novel ways.		●	●	●						152
Sensorial	Sound 2	Bells: Pitch	Identifies and names grades of pitch.		●	●	●						153
Sensorial	Sound 2	Bells: Pitch	Identifies and names notes on C-Major Scale.		●	●	●						154

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Sensorial	Sound 2	Montessori Bells: Pitch	Identifies and names the notes sounded by the Montessori Bells (tonic sol-fa scale).										155