



The Curriculum at Meadow Montessori School Infancy through the High School Diploma

Mission Statement


We at Meadow Montessori School commit to challenge and empower one another to discover our unique talents and abilities so, as a community of life-long learners, we are inspired to serve humanity.

Realizing that our curriculum is of particular interest to parents, Meadow Montessori School teachers and administrators have collaborated to make transparent the curriculum from which we work. It should be noted that our curriculum is not finite, for how could education ever be? In fact, it is under constant scrutiny and we improve upon it every year.

We consider this document to be a living

document, one that a parent might expect to change, to undergo improvements, to become refined. Currently, the document displays the curriculum by subject area. Please look forward to the next update breaking out these content areas by program (i.e. age groupings). The last piece of the document offers another way to think about subject matter, as skill sets relevant to the student's development are listed according to the academic area of study.

Please click on a topic to see how it fits into our curriculum.

Subject Area	Program	Skill Sets
Art English Language Foreign Language Geography History Literature Mathematics Music Practical Life Sensorial Science Travel	 Infant Toddler Early Childhood Lower Elementary Upper Elementary Middle School High School	Geography History Mathematics Science

Meadow Montessori School: Art

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
Infant/Toddler	Using Shaving Cream	2	4
Infant/Toddler	Using Crayons	2	4
Infant/Toddler	Using Chalk, Markers, Pencils	2	5
Infant/Toddler	Spreading Glue	2	5
Infant/Toddler	Cleaning Easel	2	5
Infant/Toddler	Using Stencils	3	6
Infant/Toddler	Using Scissors	3	5
Infant/Toddler	Sewing, Weaving, Knitting, etc.	3	on-going
Infant/Toddler	Using Paint Brush	2	on-going
Infant/Toddler	Clay Activities	3	on-going
Infant/Toddler	Mosaics	3	on-going
Infant/Toddler	Patterns	3	on-going
Elements: Line	learn/use line styles	6	7
Elements: Line	combine lines for simple compositions; figure drawing	6	9
Elements: Line	other mediums to create line (paint, yarn); edges without hard lines	7	12
Elements: Line	vertical, horizontal, sketchy, bold lines; lines to show emotion and speed; contour drawing	8	14
Elements: Line	direction of line to show perspective	11	14
Elements: Line	Mechanical perspective	12	14
Elements: Shape	combine styles of line to create shapes; combine shapes to make objects	6	8
Elements: Shape	overlap shapes to create depth	7	10
Elements: Shape	positive/negative shapes; break down objects into simple shapes for realistic drawing	8	12

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
Elements: Shape	abstract shapes; define shapes by lines or colors and values (soft edges)	8	11
Elements: Shape	Define shapes with color, shades and tints; shapes of shadows; drawing negative shapes to show the positive form	10	12
Elements: Shape	use positive/negative shapes accurately	11	12
Elements: Color	Primary colors	6	7
Elements: Color	Secondary colors and color wheel	6	7
Elements: Color	warm and cool colors	7	8
Elements: Color	Color Theory	8	14
Elements: Color	Shades and tints to show volume, mass	9	10
Elements: Color	color for realism & depth, emphasis, unity; mix colors to match observation; complementary colors	10	15
Elements: Color	cool colors for shadow instead of black/gray	11	15
Elements: Color	use color in creative/abstract way; color to express emotion	9	12
Elements: Texture	texture (hard, fuzzy, rough etc.)	7	8
Elements: Texture	textures in pencil drawing; texture in mixed-media collage	9	12
Elements: Volume	length, width and depth	6	8
Elements: Volume	volume through shading and blending; highlight and cast shadow	9	15
Elements: Space	Pictures show near and far through size/overlapping; foreground, middle ground and background	7	10

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Meadow Montessori School: Art

<i>Area</i>	<i>Skill or Concept</i>	<i>Age Introduced</i>	<i>Mastered</i>
Elements: Space	Visual perspective (overlapping, size, placement on paper); giving subject matter dominance; colors to show depth	8	11
Elements: Space	use size, color and placement to represent 3-dimensional space	10	14
Elements: Space	use line and color to show space/depth on paper	11	14
Principles: Contrast	light vs. dark colors; large vs. small, near vs. far objects	6	8
Principles: Rhythm	demonstrate rhythm in work through repetition and patterns	7	9
Principles: Emphasis	use a main subject or focal point	6	9
Principles: Emphasis	More sophisticated use of color/line to show dominant/subordinate objects	10	12
Principles: Emphasis	warm/cool colors to show focal point vs. background	11	14
Principles: Balance	arrange objects for pleasing composition	7	12
Principles: Balance	formal/informal balance; place objects within borders for balanced composition; positive/negative shapes visually equal	9	12
Principles: Balance	know when a piece is "finished"	11	12
Principles: Variety	variety through use of color, texture and line for added interest	8	
Principles: Unity	use of color/shape repetition; positive/negative shapes to balance artwork	8	12
Experience: Drawing	pencil, markers, crayon, oil pastel; draw from observation, imagination and verbal instruction	6	8

<i>Area</i>	<i>Skill or Concept</i>	<i>Age Introduced</i>	<i>Mastered</i>
Experience: Drawing	simple still life; drawing from demonstration or verbal instructions; portrait drawing	7	8
Experience: Drawing	draw from still life, artists' work; shading w/pencil, chalk	8	12
Experience: Drawing	contour drawing from variety of still life and models	10	14
Experience: Drawing	detailed still-life	11	14
Experience: Drawing	perspective room drawing	12	15
Experience: Drawing	abstract drawing	6	7
Experience: Painting	Tempera and brush use and care; mixing to make secondary colors; watercolors	6	7
Experience: Painting	blending with oil pastels; optical blending (pointillism)	10	12
Experience: Painting	glass painting	12	13
Experience: Paper	cutting, folding, tearing, gluing, weaving; collage	6	8
Experience: Paper	paper sculpture	11	14
Experience: Clay	hand-building clay pots, animals	6	9
Experience: Clay	mask-making	8	9
Experience: Clay	clay sculpture	10	15
Experience: Clay	clay tiles	11	15
Experience: Print-making	beginning printmaking	6	13
Experience: Print-making	relief printing	8	14
Experience: Print-making	3-color printing	10	15
Experience	mosaic, batik	10	15

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Meadow Montessori School: English Language

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
Writing	Alphabet - recognition	2	5
Writing	Alphabet - "print" production	3	6
Writing	Alphabet - "cursive" production	5	9
Aural	Alphabet	2	5
Oral	Alphabet	2	5
Aural	Consonant groupings	2	9
Aural	Vowel groupings	2	9
Spelling	Consonant groupings	5	9
Spelling	Vowel groupings	5	9
Punctuation	.,?!"() - recognition	5	9
Punctuation	capitalization - recognition	5	9
Punctuation	abbreviations - recognition	5	9
Punctuation	italics, underlining - recognition	5	9
Punctuation	.,?!"() - production	5	12
Punctuation	capitalization - production	5	13
Punctuation	abbreviations - production	5	12
Punctuation	italics, underlining - production	5	14
Punctuation	;- - recognition	5	14
Punctuation	indentations	5	14
Writing	Complete Sentences - recognition	5	9
Writing	Complete Sentences - production	8	14
Writing	C.S.: interrogative, declarative, exclamatory, imperative - recognition	9	12

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
Writing	C.S.: interrogative, declarative, exclamatory, imperative - production	9	12
Grammar	Parts of a Sentence: Subject, predicate - recognition	6	12
Grammar	Parts of a Sentence: Subject, predicate - production	6	12
Grammar	Parts of Speech: noun, verb, adjective, pronoun, adverb - recognition	6	9
Grammar	PoS: noun, verb, adjective, pronoun, adverb - production	6	12
Grammar	PoS: interjection, conjunction, preposition - recognition	6	12
Grammar	PoS: interjection, conjunction, preposition - production	6	14
Grammar	Sentence Diagraming	9	14
Grammar	Phrases, Clauses, Verb Forms, Cases, Tense Consistency, Moods	9	14
Grammar	Outlining	9	14
Grammar	Bibliographies, Works Cited	9	14
Grammar	Citing Sources (MLA)	12	15
Grammar	Style - serial comma, titles, preferences or minutiae	12	15
Writing	Letters (friendly, business)	6	12

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Meadow Montessori School: English Language

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
Writing	Stories	6	9
Writing	Poems	6	15
Writing	Expositions Essays, Research	9	15
Writing	1st, 2nd, 3rd person or "voice"	12	18
Writing	Descriptive, Expository, Persuasive, Narrative, Creative	9	18
Writing	5 Paragraph Essay	6	18
Writing	Prewriting (jots, organized jots, outlining)	9	18
Writing	Rereading, Revising, Rewriting	9	18
Spelling	Prefixes	6	12
Spelling	Suffixes	6	12
Spelling	Compound Words	7	9
Spelling	Plurals	6	9
Spelling	Gender of nouns	6	9
Vocabulary	Prefixes, Suffixes, Affixes	6	12
Vocabulary	Synonyms	6	12
Vocabulary	Antonyms	5	12
Vocabulary	Analogies	8	15
Spelling	Homonyms, Homophones, Homographs	6	12
Vocabulary	Homonyms, Homophones, Homographs	6	12
Grammar	Nouns: common/proper	6	8
Grammar	Nouns: concrete/abstract	9	9

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
Grammar	Nouns: collective, count (material)	9	9
Grammar	Adjectives: demonstrative, indefinite articles, definite articles, possessive	9	12
Grammar	Verbs: simple conjugations	7	9
Grammar	Verbs: all conjugations	10	12
Grammar	Verbs: tense	10	12
Grammar	Verbs: irregular, regular	8	12
Grammar	Verbs: linking	7	9
Grammar	Verbs: auxiliary (helping)	7	9
Grammar	Verbs: transitive, intransitive	10	12
Grammar	Verbs: all conjugations	12	15
Grammar	Pronouns: demonstrative, possessive	9	12
Grammar	Nouns: Appositives	10	12
Grammar	Objective case: Indirect, Direct, Complements	10	15
Grammar	Verb forms: Participle, Gerund, Infinitive	11	15
Grammar	Subjects: simple, compound	7	9
Grammar	Predicates: simple, compound,	7	9
Grammar	Correlative conjunctions	11	12

Meadow Montessori School: Foreign Language

Area *Skill or Concept* *Age* *Introduced*
Mastered

Aural	Alphabet		
Oral	Alphabet		
Written	Alphabet		
Aural	Greetings		
Oral	Greetings		
Written	Greetings		
Aural	Numbers 1-10		
Oral	Numbers 1-10		
Written	Numbers 1-10		
Aural	Numbers 1-20		
Oral	Numbers 1-20		
Written	Numbers 1-20		
Aural	Numbers 1-1000		
Oral	Numbers 1-1000		
Written	Numbers 1-1000		
Aural	Colors, Animals, Foods, Body, Family		
Oral	Colors, Animals, Foods, Body, Family		
Written	Colors, Animals, Foods, Body, Family		
Aural	Weather, More Food, Days, Months, Sports, Classroom Objects, Commands		
Oral	Weather, More Food, Days, Months, Sports, Classroom Objects, Commands		
Written	Weather, More Food, Days, Months, Sports, Classroom Objects, Commands		
Grammar	Subject pronouns (conjugation)		
Grammar	"to be" and "to have" conjugation		

Area *Skill or Concept* *Age* *Introduced*
Mastered

Grammar	Most Common Regular Verb Formation		
Vocabulary	Numbers 1-10		
Vocabulary	Numbers 1-20		
Vocabulary	Numbers 1-1000		
Vocabulary	Colors, Animals, Foods, Body, Family		
Vocabulary	Weather, More Food, Days, Months, Sports, Classroom Objects, Commands		
Vocabulary	Greetings		
Vocabulary	Cognates		
Grammar	Other Regular Verb Formations		
Grammar	Irregular Verb Formation		
Culture	Formal vs. Informal		
Culture	Movies, Songs, Celebrations, Money		
Culture	Recipies, Metrics, Cooking		
Culture	Idiomatic Expressions		
Vocabulary	Idiomatic Expressions		
Oral	Differences in target language phonetics		
Aural	Differences in target language phonetics		



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Meadow Montessori School: Geography

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
Land / Water / Air	distinguishing between land, water, air	3	5
	distinguishing land and water on the globe	5	6
Land and water forms	distinguishing lake/island, bay/peninsula, canal/isthmus	4	5
	identifying significant land and water forms around the world	6	10
Geographic representations	introduction of the globe	3	5
	two-dimensional maps	5	8
	latitude and longitude	7	9
	different kinds of map projections (Mercator, conic, Goode's, etc.	8	14
	absolute and relative location	9	10
	continent map	5	6
	country maps of continents	5	9
Solar System	Sun, eight planets, moons	5	8
	formation of the universe	6	9
	basic principles of earth science	8	12
Physical geography	regions	6	12
	biomes	6	12
Political geography	identifying countries and capital cities on the map	6	12
	North America	5	12
	South America	5	12
	Europe	5	12
	Asia	5	12
	Africa	5	12
	Oceania	5	12

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
	flags	5	9
	organization of the modern state	14	16
	nation states / nationalism	14	16
	multinationalism	14	16
Cultural Geography	emphasis on "place" i.e. how is one place different from another	6	12
	distribution of world languages	9	16
	distribution of world religions	9	16
Population	patterns and growth	14	16
	location, distribution, and density	14	16
	cycles of population change	14	16
Land Use	demographic analysis	14	16
	in the rural Sector	14	16
	Agricultural revolutions (3)	14	16
	What the world eats	14	16
Urbanization	development of "civilization" on earth	9	16
	urban life	14	16
Industrialization	global urbanization	14	16
	Industrial Revolution	11	16
Economic Geography	global Distribution	14	16
	natural resources products around the world	9	12
	concepts of development	9	16
	global distribution of industry	9	16
Transpiration	global disparities	14	16
	basic forms of transportation	5	6

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Meadow Montessori School: History

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced / Mastered</i>
Measurement of Time	Days of the Week	2	5
	Months of the year	2	6
	Seasons of the year	2	6
	Telling time (analog and military)	6	9
	Counting centuries: BCE / CE	6	9
	Geological time	6	9
Etymology / history of time	Days of the Week	6	7
	Months of the year	6	7
	Counting centuries: BCE / CE	6	7
	Geological time	6	9
Fundamental Needs of Humans	Seven basic needs of all humans throughout history	7	9
Great Civilizations	Introducing great civilizations	8	10
Time Line of Life	Development of life on earth	6	9
Time Line of People	Development of human life on earth	9	10
Great Civilizations	An in-depth study great civilizations	9	10
	Sumaria	9	10
	Egypt	9	10
	India	9	10
	Greece	9	10
	Rome	9	10
	China	9	10
	American History	Pre-Columbian to the Civil War	10
	Native American cultures	10	11
	Era of European Exploration	10	11
	American Revolution	10	11

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced / Mastered</i>
American History	Civil War to the Second World War	11	12
	Civil War (introduction to the historical use of primary sources)	11	18
	Women's Suffrage	11	12
	Labor Movement	11	12
	Immigration	11	12
	World War I	11	12
	World War II	11	12
Western Civilization	Foundations of Western Civilization	12	13
	Sumaria	12	13
	Egypt	12	13
	Greece	12	13
	Rome	12	13
	Middle Ages	12	13
	Renaissance	12	13
	Reformation	12	13
	Enlightenment	12	13
	French Revolution	12	13
	Foundations of U.S. Constitution	12	13
History of Religion	Judeo/Christian/Islamic traditions	12	13
Eastern Civilization	China	13	14
	Pre-dynastic China	13	14
	Dynastic China	13	14
	Chinese philosophy	13	14
	Western influences	13	14
	Revolution of 1911	13	14

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Meadow Montessori School: History

Area *Skill or Concept* *Age* *Introduced*
Mastered

	People's Republic of China	13	14
	Japan	13	14
	Early history/Chinese influences	13	14
	Feudal Japan: Shoguns and Samurai	13	14
	A closed country	13	14
	Revolution/Modernism	13	14
	20th century Japan	13	14
	India	13	14
	Dravidian / Aryan India	13	14
	Anoka and Buddhism	13	14
	Mongol influence	13	14
	British colonialism	13	14
	Independence	13	14
History of Religion	Hinduism, Buddhism	13	14
African History	Indigenous African Cultures	14	15
	Early European interference	14	15
	Colonialism/Imperialism in Africa	14	15
	Independent Africa	14	15
History of Religion	Indigenous African religions	14	15
American History	Advanced placement coursework, when possible	15 - 18	15 - 18
Modern European History (16th- 20 centuries)	Advanced placement coursework, when possible	15 - 18	15 - 18
Various explorations of history	Examples: History of Genocide, History of Ireland, History of Scientific Thought	15 - 18	15 - 18
Civics	U.S. government	15 - 18	15 - 18

Meadow Montessori School: Literature

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced / Mastered</i>
Basic reading	Sounds of letters	2	6
	Blends	4	7
	Alternative spellings	5	8
	Introduction to picture books	infant	8
	Books with single words	infant	5
	Books with sentences	1	6
	Chapter books	5	on-going
Specific reading skills	Analyzing words	3	8
	Following written directions	6	8
	Using the context	6	8
	Locating the answers	6	12
	Finding facts	7	12
	Identifying the main idea	7	10
	Drawing conclusions	7	9
	Detecting the sequence	7	9
	Understanding inference	8	12
		Comprehension	5
Textbook reading	Table of contents	7	9
	Main points	9	12
	Identifying organization of the text	9	12
	Outlining	10	14
	Index	9	12
	Appendixes	9	12
		Comprehension	7
Literature	Single-story books	6	9
	Novellas	9	on-going
	Novels	8	on-going

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced / Mastered</i>	
	Historical Novels	9	on-going	
	Short stories	9	on-going	
	Plays	12	on-going	
	Shakespeare	13	on-going	
Elements of literature	Plot	6	9	
		causality	7	12
		foreshadowing	10	12
		suspense conflict	8	12
		exposition	8	12
		rising action	12	14
		crisis	12	14
		resolution	12	14
		Setting	7	9
		Characters	7	9
		protagonist	9	12
		antagonist	9	12
		minor character	9	12
	static / dynamic character	12	15	
	explicit judgement	12	15	
	implicit judgement	12	15	
	Theme	11	15	
	Structure	11	15	
	Point-of-view	11	15	
	narrator	12	15	

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Meadow Montessori School: Mathematics

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
Numeration	quantity/symbol	2	5
	odd/even	3	6
Linear Counting	teens	3	5
	tens	3	5
	1-100	4	5
Decimal System	skip counting	4	8
	heirarchy	4	7
	45 layout	4	6
Addition	composition	5	6
	memorization	5	7
	static	5	7
	dynamic	5	8
Subtraction	word problems	6	on-going
	memorization	5	8
	static	5	7
	dynamic	6	7
Multiplication	word problems	6	on-going
	memorization	5	8
	static	5	8
	dynamic	6	9
	commmutative/distributive laws	6	8
	word problems	6	on-going
	Multiples	6	8
	Least Common Multiple	8	10
	Factors	8	10
	Simple factoring problems	8	10
	Greatest Common Factors	8	10

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
	Squaring/Cubing:		
	notation	9	10
	patterns	9	10
	operations: +, -, x, ÷	9	12
	transformation of squaring binomial/ trinomial	9	12
	Square Root:		
	notation	9	10
	abstraction/algorithm	9	14
	Cube Root:		
	notation	9	12
	1, 2, 3 digit roots	12	15
	abstraction/algorithm	12	15
Division	memorization	6	9
	static	6	9
	dynamic	7	10
	word problems	7	on-going
Fractions	notation	6	9
	equivalence	6	10
	simplifying	7	10
	operations: +, - like denominations	7	10
	x, ÷ by whole numbers	8	10
	-+unlike denominators	8	11
	x, ÷ by a fraction	8	11

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Meadow Montessori School: Mathematics

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
Decimal	notation	8	10
	operations: +, -, ×, ÷	8	12
	conversion of fractions to decimals	8	12
	effects of × or ÷ by powers of 10	10	12
Integers	notation	10	12
	operations: +, -, ×, ÷	10	12
Powers of Numbers	powers of two	6	9
	exponential notation	10	14
	powers of ten	10	14
	operations with expanded notation	10	14
	Positive	10	14
	Negative	12	15
	Products of	12	15
	Quotients of	12	15
Percent	conversion of decimal to fraction to percent	10	12
Ratio and Proportion			
Word Problems	rate, time, distance principle, rate, interest, time	6	on-going
Measurement		6	15
Different Bases		8	12
Algebra		10	13
Order of Operations		10	15
Scientific Notation		11	15
Solving Equations	isolating variables	9	15
	solving in terms of variables	9	15
Points/Lines	naming	12	15

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
	graphing	12	15
	translations	12	15
	slides	12	15
Equations of Lines	slope	12	15
	slope-intercept form	12	15
	point and slope	12	15
	two points	12	15
	graphing	12	15
Polynomial Operations		12	15
Quadratic Equations	solving by factoring	12	15
	completing the square	12	15
	deriving the quadratic formula	12	15
Linear systems	solving by substitution	12	15
	solving by addition	12	15
	solving by multiplication	12	15
	parallel lines	12	15
	inequalities	12	15
Complex Fraction		12	15
Functions	absolute value	12	15
	probability	12	15
	polynomial(all operations)	12	15
	exploring of Plane and Solid forms	3	12
Nomenclature	point, line, plane, solid	6	9
	parts/types of line	6	9

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Meadow Montessori School: Mathematics

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
	parts/types of angles	6	9
	plane figures	6	12
	parts/types of triangles	6	12
	parts/types of quadrilaterals	6	12
	parts/types of polygons	6	12
	circles	6	15
	similar, congruent, and equivalent	6	12
Points and Lines			
Logic	definitions	12	15
	If-Then statements	12	15
	unions/intersections	12	15
Angles and Lines	1-step proofs	12	15
	constructions	12	15
	arcs and rotations	12	15
Congruency		12	15
Proofs		12	15
Polygons and Symmetry		12	15
Perimeter and Area formulas		9	13
Three-Dimensional Figures/Areas and Volume Formulas		12	15
Indirect Proofs		12	15
Similarity		12	15
Formal Proofs		12	15
	Sine. Cosine Tangent	12	15
	circles	12	15

Area

Skill or Concept

Age Introduced
Mastered

Area

Skill or Concept

Age Introduced
Mastered



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Meadow Montessori School: Practical Life

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
Grace and Courtesy	Speaking Softly	2	5
	Greeting People-shaking hands	2	6
	Thanking friends	2	6
	Apologizing-how and when	2	6
	Waiting	2	6
	Interrupting	3	6
	Asking for something	1	5
	Saying Thank You	1	5
	Entering and Leaving a room	2	5
	Holding a door for others	2	5
	Knocking and waiting to enter	3	5
	Inviting someone in	3	5
	Sitting on the Line	2	5
	Picking up something some has dropped and returning it	2	5
	Covering a sneeze, yawn or cough	2	5
	Blowing Nose	2	6
	Table Manners	1	5
	Answering the Phone	2	5
	Carrying a Sharp Object	2	4
	Responding to Strangers	2	6
	Enjoying Public Places: Museums, Restaurants, etc.	1	5
	Expressing Feelings	1	on-going
	Responding to Feelings of Others	2	on-going
	Silence Game	3	5
Care Of Environment	Dusting Furniture	2	6

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced</i> <i>Mastered</i>
	Cleaning Windows/Mirrors	2	8
	Sweeping	2	7
	Dust Mopping	2	7
	Carpet Sweeping/Vacuuming	2	7
	Washing Clothes on Washing Board	3	6
	Ironing	3	8
	Using washer / dryer	9	14
	Washing Tables and Chairs	2	7
	Polishing; Wood, Metal, Leather	3	7
	Flower Arranging	3	on-going
	Dustpan and Brush	2	7
	Cleaning Pots and Pans	3	8
	Washing Floors	2	8
	Mopping Spilled liquids	2	6
	Dusting/Washing Blackboards	6	8
	Beating Mats and Carpets	6	8
	Setting the Table	2	on-going
	Washing/Drying Dishes	2	6
	Caring For Plants	2	on-going
Care of Animals	Feeding	2	6
	Petting/Brushing	1	6
	Cleaning and Maintaining	2	on-going
Care of Self	Use of Toilet	2	5
	Dressing/Undressing	1	4

[Continued](#) →

Meadow Montessori School: Practical Life

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced Mastered</i>
	Snowpants/suit	2	4
	Putting on/Taking off Shoes	1	3
	Putting on/Taking off Boots	2	4
	Putting on/Taking off Apron	2	5
	Using a hanger	2	5
	Turning out Sleeves	3	5
	Washing Hands	1	3
	Brushing Teeth	1	4
	Combing/Brushing Hair	1	6
	Dressing Frames: Buttons, Snaps, Hook and Eye, Zipper, Buckles, Safety Pins, Lacing Tying, Bows, Braiding	2	6
Art Activities	Using Shaving Cream	2	4
	Using Crayons	2	4
	Using Chalk, markers, pencils	2	5
	Spreading Glue	2	5
	Cleaning Easel	2	5
	Using Stencils	3	6
	Using Scissors	3	5
	Sewing, weaving, knitting, etc.	3	on-going
	Using Paint Brush	2	on-going
	Clay Activities	3	on-going
	Mosaics	3	on-going
	Patterns	3	on-going

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced Mastered</i>
Elementary movements	Carefully in Environment	2	5
	Climbing Steps	2	5
	Jumping	2	5
	Sitting Down/Getting up from a Chair	2	5
	Carrying a Tray/Table/Chair	2	6
	Opening and Shutting Doors, containers, drawers	2	5
	Unrolling/Rolling Rugs	2	4
	Turning Pages of a Book	2	4
	Pouring Activities	2	4
	Transferring activities	1	6
Perceptual Motor Development/Line Activities	Walking: Regular step, Tip Toes, Heel to Toe	2	5
	Marching, Running, Skipping, Galloping, Trotting	2	6
	Balance	2	6
	Body Awareness	3	?
	Locomotion	2	6
	Non-Locomotion	3	6
	Tracking	3	7
Food Preparation	Vegetable and Fruits: Washing, Snapping, Peeling, Tearing, Cutting, Shelling, Grating, Coring, Pitting, Sectioning, Chopping, Hulling, Slicing, Mashing	2	6
	Cracking Nuts	2	6
	Grinding Coffee	3	5

Continued →

Meadow Montessori School: Practical Life

Area *Skill or Concept* *Age* *Introduced*
Mastered

	Brewing Tea/Coffee	3	6
	Peeling and Slicing Eggs	2	5
	Spreading Toppings on Crackers, Bread, etc.	2	6
	Measuring Solids/Liquids	3	6
	Cooking/Baking	2	on-going
	Making Salads	3	8
	Meal planning	12	15
	Complete meal preparations	12	15

Meadow Montessori School: Sensorial

Visual-Size	Knobbed/Knobless Cylinders	2	4
	Tower of Cubes	2	4
	Broad Prisms	3	4
	Red Rods	3	5
Visual-Color	Color Boxes 1,2 Primary and Secondary Colors	3	4
	Color Boxes 3,4,5 Shades of Color	3	6
Visual-Form	Geometric Solids	3	6
	Geometric Solids with Bases	3	6
	Geometric Cabinet/Cards	3	6
	Constructive Triangles	3	10
	Cubes; Monomial, Binomial, Trinomial, Cube of the Trinomial	3	11
Auditory	Silence	3	6
	Sound baskets/Cylinders	3	6

Area *Skill or Concept* *Age* *Introduced*
Mastered

	Musical Tones	3	on-going
Tactile	Rough and Smooth/Touch Boards	3	5
	Texture	3	6
Stereognostic	Basket of Familiar objects	3	6
	Basket of Geometric Solids	3	6
	Matched Shapes	3	5
Baric	Heavy and Light	3	5
	Heavy/Medium/Light	3	6
	Weighing	3	10
Thermic	Hot and Cold	1	3
	Thermic Bottles	3	6
	Thermic Tablets	3	6
Olfactory	Real Smells	1	on-going
	Smelling Cylinders	3	5
Gustatory	Intro to single foods at a time	1	on-going
	Sweet/Sour	2	6
	Food Preparation/Cooking	2	on-going
	Cultural Foods	2	on-going
	Tasting Bottles	3	5

Meadow Montessori School: Science

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced / Mastered</i>
Matter	Identify Solid, Liquid, Gas	2	6
Energy	Identify forms of Energy	2	9
Energy	Light	2	on-going
Energy	Heat	2	on-going
Energy	Sound	2	on-going
Energy	Chemical	2	on-going
Energy	Magnetism	2	on-going
Energy	Electricity	2	on-going
Energy	Simple Machines (Mechanical)	2	12
Force	The Four Fundamental Forces	2	12
Force	Gravitation	2	12
Force	The Weak Nuclear Force	2	12
Force	Electromagnetism	2	15
Force	The Strong Nuclear Force	2	15
Zoology	Living and Non-living	2	5
Zoology	First Knowledge of Animal Kingdom	3	9
Zoology	Vertebrates vs. Invertebrates	3	6
Zoology	External Parts of Animals	3	7
Zoology	Introduction to the Five Kingdoms	5	9
Zoology	Prokaryote Kingdom	6	12
Zoology	Proctista Kingdom	6	12
Zoology	Fungi Kingdom	6	12
Zoology	Plant Kingdom	3	12
Zoology	Animal Kingdom	3	12
Zoology	Five Classes of Vertebrates	3	6
Zoology	Six Phyla of Invertebrates	6	9
Zoology	Vertebrates Vital Functions	6	9

<i>Area</i>	<i>Skill or Concept</i>	<i>Age</i>	<i>Introduced / Mastered</i>
Zoology	Comparison of Vertebrates	6	9
Zoology	Genealogy of an Animal	6	12
Anatomy	The Human Body	6	12
Anatomy	Functions of the Body	9	12
Ecology	Interdependence	6	12
Ecology	Factors of an Ecosystem	6	12
Ecology	Biomes	12	15
Ecology	Water Cycle	6	15
Ecology	Weather	6	12
Botany	Knowledge of Plants	5	9
Botany	Needs of Plants	3	9
Botany	The Leaf	3	9
Botany	The Root	3	9
Botany	The Stem	3	9
Botany	The Flower	3	9
Botany	The Fruit	3	9
Botany	The Seed	3	9
Botany	The Importance of Plants	3	9
Botany	Classification of Plants	6	12
Botany	Plants in History	6	12
Physical Science	The Universe	3	12
Physical Science	Galaxies	6	9
Physical Science	Stars	3	12

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Meadow Montessori School: Science

<i>Area</i>	<i>Skill or Concept</i>	<i>Age Introduced</i>	<i>Mastered</i>
Physical Science	Planets	3	9
Physical Science	Sun	3	9
Physical Science	The Laws of the Universe	3	12
Physical Science	Earth	3	9
Physical Science	Forces of Attraction	3	12
Physical Science	Elements of Matter	6	12
Physical Science	Atoms	6	12
Physical Science	The Movement of Earth & Consequences	6	12
Physical Science	The Lithosphere	6	12
Physical Science	Geological Composition of Earth	6	12
Physical Science	The Atmosphere	6	12
Physical Science	The Biosphere	6	12
Physical Science	The Atmosphere in Motion (wind)	6	12
Physical Science	The Hydrosphere and its Phenomena	6	12
Physical Science	Forms of Energy	6	12
Biology	Cells	6	12
Biology	Dissection	9	15
Chemistry	Chemical Reactions	12	18
Chemistry	Acid and Base	9	18
Chemistry	Inorganic	9	18
Chemistry	Organic	12	18
Physics	Motion	6	12
Physics	Machines	9	15
Physics	Energy/Forces	6	18

Meadow Montessori School: Travel

<i>Area</i>	<i>Skill or Concept</i>	<i>Age Introduced</i>	<i>Mastered</i>
Going Out	Planning local trips	6	12
	Over night camping	9	12
	Trips to urban areas	12	15
	Trips to rural / adventure areas	12	15
	Overseas travel	14	18

Meadow Montessori School: Skill Sets: Geography

<i>Skill</i>	<i>Definition</i>	<i>Example</i>	<i>Age Introduced</i>	<i>Mastered</i>
Identification	ability to locate continents, countries, landforms, etc. on a map		5	on-going
Finding Facts	developing research and learning tools	the use of dictionaries, encyclopedia, index, atlas, the Internet, etc.	6	on-going
Analysis	identify significance of geographic principles, etc.	impact of the Panama Canal on world trade	9	on-going
	organize supporting data	ability to read and create tables and graphs	9	on-going
	work from large picture to small detail	ability to move from continents to small villages, recognize the commonalities	9	on-going
	using details, move to larger picture	ability to reach make generalizations working with specific information	9	on-going
Identifying trends	relationship of one geographical change to another	Impact of building dams on farming, industry, patterns of settlement	12	on-going
	impact of international policies	globalization, immigration, environmental issues, etc.	12	on-going
Cross-cultural and geographic connections	how contact with one culture impacts another	the development of trade to lionization, work of the United Nations	14	on-going
Connect geography to present day	ability to identify the connection between spatial relationships and history, economics, and culture	impact of European settlements in Africa and Asia Globalization Environmentalism	12	on-going

Meadow Montessori School: Skill Sets: History

<i>Skill</i>	<i>Definition</i>	<i>Example</i>	<i>Age Introduced</i>	<i>Mastered</i>
Vocabulary	specific terms used in history or research	prehistory, civilization, rural, urban, hominids, natural resources, etc.	6	on-going
Sequencing	The ability to put things in order from what came first to most recent	days of the week, months of the year, geological eras, historical events, etc. into order	5	on-going
Finding Facts	developing research and learning tools	the use of dictionaries, encyclopedia, index, atlas, the Internet, etc.	6	on-going
Memorization	Command of important historical dates, places, and people	Presidents of the US, European rulers, Chinese dynasties, etc.	8	on-going
Analysis	identify significance of event, etc.	Native American contribution to the U.S. Constitution	10	14
	locate supporting data	Utilize a working knowledge of the Iroquois Nation	10	on-going
	work from large picture to small detail	Fundamental Needs of People	7	on-going
	using details, move to larger picture		12	on-going
Identifying trends	relationship of one historical change to another	voting rights, immigration, labor reform, etc.	11	on-going
	impact of international policies	the development of trade to globalization, work of the United Nations	12	on-going
Cross-cultural and historical connections	how contact with one culture impacts another	Native Americans/ Europeans Europeans/ Africans	11	on-going
Connect history to present day	ability to see the roots in modern day conflicts through an historical lens	Conflict in the Balkans Religious conflict in Ireland Poverty in Africa and South America	12	on-going
Research	Develop thesis		8	10
	Develop original thesis		15	18
	Support thesis		9	12
	Support with detailed evidence		12	15
	Create bibliography		6	12
	Use citations within the text		13	16
	Oral presentation		9	15
	Oral defense		15	17

Meadow Montessori School: Skill Sets: Mathematics

<i>Skill</i>	<i>Definition</i>	<i>Age Introduced</i>	<i>Mastered</i>
Recognize Patterns, Relationships, and Functions	recognize similarities and generalize patterns	3	9
Spatial Abilities	use shape as an analytic and descriptive tool, identify properties identify characteristics and define shapes,	3	12
Process and Transform Data into useful knowledge	The ability to interpret data and to make predictions and decisions based on data is an essential basic skill for every individual	6	on-going
Make Predictions	draw defensible inferences about unknown outcomes, make predictions, and identify the degree of confidence they have in their predictions.	3	on-going
Collect, Organize, and Present data	Collect and explore data, organize data into a useful form, and develop skill in representing and reading data displayed in different formats.	5	on-going
quantify and measure		3	12
Concepts/Properties of Numbers	counting and measuring activities to develop intuitive sense about numbers, develop understanding about properties of numbers, understand the need for and existence of different sets of numbers, and investigate properties of special numbers.	3	12
Number Relationships	develop understanding of important relationships among numbers including the relationships of ($=$, \neq) and ($<$, $>$); of opposites (additive inverses) and reciprocals (multiplicative inverses); of factors and multiples; of primes, composites, and relatively prime numbers; of powers and roots.	6	14
analytical thinking		8	on-going
Operations and their properties	understand and use various types of operations (e.g., addition, subtraction, multiplication, division) to solve problems.	6	12
Probability	develop an understanding of the notion of certainty and of probability as a measure of the degree of likelihood that can be assigned to a given event based on the knowledge available	11	15
Measurement	compare attributes of two objects or of one object with a standard (unit), and analyze situations to determine what measurement(s) should be made and to what level of precision.	11	15

Meadow Montessori School: Skill Sets: Science

<i>Skill</i>	<i>Definition</i>	<i>Example</i>	<i>Age Introduced</i>	<i>Mastered</i>
Vocabulary	Understanding terminology and definitions	Being able to use proper terminology when working in a specific area of science	3	On-going
Scientific Method	Using the scientific to solve and analyze topics	Being able to complete a science project or experiment (short or long-term) using the scientific method	5	18
Research Skills	Finding answers to questions or exploring a topic in-depth	Being able to use a variety of sources to extract pertinent information	6	18
Critical Thinking	Taking information and using it in a different application	Using research to help predict a particular outcome in a different situation.	6	On-going
Classification	Taking a large group and breaking down into smaller categories based on similarities/differences	Taxonomy of the Animal Kingdom	5	On-going
Identification	Recognizing characteristics	Tree identification based on leaf shape	5	On-going