

Montessori Primary Classroom Inventory Series

Primary Furniture.....	1-2
Montessori Equipment.....	3-5
Practical Life.....	6-8
Language, Science, Geography, Classroom Management.....	9-10

Inventory Developers and Reviewers:

Ginny Riga, SCDE, Montessori Programs
Gail Hornsby, Richland One Montessori Programs
Cheryl Spencer, Director, Montessori Children's House of Columbia

Published: 2008-09

Email comments or suggestions to: griga@ed.sc.gov



Montessori Primary Classroom Inventory Series

Primary Furniture

Student Furniture:

Student Wooden Chairs 10-12 11-12" ht
Wooden Work Tables 10-12 20 -21" ht – square top 20 X 20 to 22 X 22
Snack Table 1 20-21" ht. – rectangular top laminated wood 18 X 24
Laptop (nesting) Tables 4 13 ht X 17 X 9
Optional – Low Coffee Table Style – 24 X 48 X ht. 12-14"

Shelving Units:

Open Back 3 Tier 26" ht. 12" deep; length 40-42"
Open Back 4 Tier - same as above

Closed Back 3 Tier - same as above
Closed Back 4 Tier - same as above

A total of approximately 16-18 shelves are needed. However, this no. depends on overall size of the room; whether or not the room has built in shelving, etc.

Open back shelves are needed for practical life. Closed back shelving is better for shelves that are along a wall.

Tables:

Round brown laminate top table with adjustable legs 48" diameter
Peace Table – Round is nice, 24-28" diameter or rectangular 18 X 24 top, approx. 20-21" ht.

Other:

Student cubbies
Student sized step stool (1-2) for sinks
Easel – laminate side & side for painting with paint cup holders
Bead cabinet

Map Stand
Metal Inset stand
Knobbed Cylinder stand
Stand for Pink Tower
Farm Table
Greenboard Stand (optional)
Control map Stand (optional)
Hand Washing Table
Dish Washing Stand

Dressing Frame Rack
2 Child Sized comfortable chairs for Library corner
Child –Sized Shelf/Book display stand for Library Corner
15 “Teacher Stools with pad (1-2)
Broom & Mop Stand

Oval Line Rug – 9 X 12 or 10 X 13 – stripe/line in personal preference – would suggest getting stripe for primary level for “walking the line” activities

Mats/ Work Rugs:

8-10 of each size – depends too on size of class
Pale colors
Small – 24 X 36
Large - 28 X 42

AV Equipment

Listening Station for library corner
CD player – high quality for background music & line time group music activities

Wall items

Prints of works by classical artists (e.g., Monet, Van Gogh, Picasso’s flower bouquet)
Various sizes for hanging and/or displaying on shelves (Frame ideas – clear plastic is less expensive than wood)
Clock – At children eye level
Cork strips

Montessori Equipment and Materials

Sensorial

Set of knobless cylinders
Knobbed cylinder blocks #1 through #4
Pink tower
Brown stair
Long rods – red
Geometric cabinet with six drawers of shapes
 Geometric cabinet demonstration tray
 Form cards for the demonstration tray
Geometric form cards and small cabinet
Geometric Solids
 Geometric cards
Metal Insets and 2 trays
Constructive triangles
Constructive blue triangles
Circles, squares and triangles
Color tablets – First, second and third boxes
Bells set and accompanying materials*
Monomial cube
Binomial cube
Trinomial cube
Smooth gradation board
Rough and smooth boards set
Rough gradation tablets
Smooth gradation tablets
Fabric box
Smelling bottles
Tasting exercise
Sound boxes
Baric tablets
Mystery bag with familiar objects and/or shapes
Blindfolds (2)

3

Math

Number rods (blue & red)
Sandpaper numerals & box
Numerals & signs
Spindle boxes with 45 spindles
Teen boards
Teen bead box *
Tens board

Tens bead box*
 Hanging teen board and beads*
 Cut-out numerals & counters
 Cut-out numerals & box
 Golden Bead Material Set with plastic number cards, connected nylon beads
 Large plastic number cards 1 -1000 and wooden box
 Small plastic number cards 1 - 3000 and wooden box
 Small plastic number cards 1 - 9000 and wooden box
 Large plastic number cards 1 - 9000 and wooden box
 Bead Material (for Bead Cabinet)*
 Set of arrows for bead material and plastic boxes
 Colored bead stairs *
 Addition strip board
 Subtraction strip board
 Small bead frame
 Large bead frame
 Large fraction skittles and stand
 Fraction circles and two stands
 Fraction labels
 Addition tables
 Subtraction tables
 Addition equations and sums box
 Subtraction equations and differences box
 Hundred board with tiles
 Control chart for hundred board
 Addition snake game *
 Subtraction snake game*
 Introduction to decimal quantity*
 Introduction to decimal system*
 Clock with moveable hands
 Clock exercises
 Small numerical rods (red and blue)

*Advice needed on what type of beads to buy (e.g., individual beads, nylon;
 Connected beads, plastic)

Language

Sandpaper letters and box
 Sandpaper capitals and box
 Large moveable alphabet and box (2)
 Blank greenboards
 Greenboards with lines and squares
 Farm with animals
 11 dozen inset pencils (11 colors)

Set of 11 colored pencil holders
Holder for three pencils (2-3)
Tracing tray and paper for insets

Science

Botany cabinet with three drawers of leaf shapes
Botany cabinet control chart
Leaf cards and small cabinet
Botany puzzles and cabinet (tree, flower, leaf)
Animal puzzles and cabinet (horse, frog, fish, turtle, bird)

Geography

Globe of land and water
Globe of continents
Puzzle maps: The World
 Unites States
 North America
 South America
 Africa
 Asia
 Europe
 Australia
 Antartica

For each puzzle, need to order:
? labeled control map
labels

Punch pads
Punch pins long handle
Circle for World Map



Montessori Primary Classroom Inventory Series

Practical Life Inventory

Tips on Buying – Many of the items below (e.g., baskets, wooden trays, bowls) can be bought at a low price at dollar stores, novelty shops, flea markets, garage sales, etc. So be creative – just remember quality (for long-term use) is important and you want to keep color tones somewhat consistent and not too bright (takes the eyes away from the beauty of the materials). Buy extra quantities of breakable items so replacements are handy.

Tips on Collecting – for many practical life lessons, you can collect items from around the house for use, e.g., various size boxes, coin purses, containers for the “Open & Close” lesson.

1) Plastic Trays:

Quantity: Need trays for almost every Practical Life lesson, some math lessons and many language, art, cultural lessons. Order more of small & medium to start (approx. 20-25 of each size), fewer large. Small 4x 6 Medium 9 X 8 or 9X 6 Large 9 X 15 or 10 X 13
(Medium and large trays usually have 5/8” to 1” depth)

2) Wooden trays:

Sand tray with wooden cover (Lord Co. sells a nice one)
Two part trays – (for nomenclature lessons) approximately 6-8
Three part trays – (for nomenclature lessons) approximately 6-8
Large wooden trays – handles are nice for carrying – approximately 5-10

3) Liquid Transfer:

Glass pitchers (various sizes) 8 oz. and 18 oz. clear & opaque - 6 of each
Glass bistro – 9 oz & 18 oz -2 of each
Creamers stainless steel – 3 oz. & 5 oz. – 2 of each
Glass Creamers – 2 ½ & 5 oz. glass – 6 of each
Plastic water pitchers 2 qt. – 2
Porcelain Pitcher & bowl for hand washing
Porcelain pitchers small 4 oz, med. 8oz, large 16 oz - 2 of each size
Salzburg jugs small – 6; medium – 3
Small plastic jars – 1 ¾” diameter, 1 ¼ “ ht. - 10
Green glass cruet - 1
Pinch decanter for funnel pouring
Glass Decanters – 4 oz. (2 for grain & 2 for pouring)
Bottles: Small glass bottles & glass eye droppers (clear) -12
Rubber suction shapes for eye dropping (and tweezing)
Funnel
Baster

6

4) Dry Transfer:

Spoons various sizes – demi spoon, mini ladle, tiny ladle
Scoops various sizes -
mini scoops, large scoops
tongs various sizes
tweezers – eye brow size
Porcelain spoon set
Bowls: Need 2 of each size (a pair) for many lessons. Can be glass, plastic, wooden. Sizes:

2 ¼ X 1; 3 X 1 ¼; 3 ½ x 1 ½; 4 ¾ x 2 ¼; 8 X 4 ½

Baskets: Cracker basket - 10 each

Deep pie plate – 10 each

10" square basket - 15 each

Elliptical willow basket small 7x10 – 15 each; large 8 x 12 – 10 each

Potato basket - 12

Round bamboo baskets - 2

Sturdy basket for geometric solids -1

Laundry basket for mats 1-2

5) Plant care: small spray/mist bottle

small watering can

cotton balls

child sized garden gloves

6) Polishing Exercises: mirror, small to medium sized items made of silver, brass and wood

polish for silver, brass and wood, Q-tips

windex or water spray bottle for polishing mirror

leather shoe: shoe dauber, polish and buffer

7) Sewing Exercises: tapestry needle, cloth (muslin, burlap are good – need dots for connecting),

small embroidery hoop & thread

pin cushion, buttons

beads and string

lacing cards and laces

8) Food preparation: bread slicing knives

spreader

vegetable peeler

small cutting board

apple corer

strawberry huller

vegetable chopper

juicer

9) Outdoor Gardening: small gardening tools

watering can

child sized rake, shovel, hoe, gardening gloves

7

10) Housekeeping/washing: small whisk broom/dust pan

potpourri

scrubbing bd.

dish drainer and rubber mat

pails - 3

soap dishes

hand duster

carpet sweeper, mop, broom (child-sized)

squeegee for window washing

Rubbermaid tubs (2)

Foldable plastic drying rack

Sponges - many cut in various sizes and color-coded

11) Dressing Frames: Note: These need to fit on the dressing frame/rack purchased – often sold in a set from same company – could also lay frames on shelf.

Buttoning	Tying laces
Zippering	Hook and eye
Snapping	Buckling
Velcro	

12) Snack Items: plates
cups

13) Other: Do not need everything – depends on lessons in album from training

Scrubbing shells, etc. : small brushes; sponges; children's vinyl aprons

Clothes pinning: basket, clothes, clothes pins – 1 dozen

Packing a suitcase – small suitcase; set of children's clothing, toothpaste & brush, comb, etc.

Locks & keys

Straw lesson – glass powdered sugar shaker

Nuts, bolts, washers

Screwdriver Boards – Mont. Services Co. sell these

Hammering tees - Mont. Services Co. & Lord Co. sell these

Sifter

Small grater

Hand held beater

Hole puncher

Dishcloths – color-coded with other pieces of exercises

Shaving brushes

Artificial and fresh (when available) flowers & bowl or vase

Mortar & pestle

Manual pencil sharpener

Dye colors

Placemats – assorted styles

Table setting items: flatware, dish, napkin, napkin ring, flower vase

Folding clothes - can stitch folding lines on cloths yourself or purchase from Mont. Services Co.

Tea pot set

Open & close – various boxes, coin purses, etc



Montessori Primary Classroom Inventory Series

Primary Language Inventory

Plastic baskets with holes (Sterlite, Rubbermaid) – various shapes – for language lessons- 30

Pre-reading lessons – either commercially bought or teacher made:

Sequencing

Same and different

Categorizing

Picture matching word cards

Opposites

Associations

Matching

Patterns (blocks, beads, etc.

Environment labels and labels for farm

Object boxes

Pink, Blue and Green Series – Lakeview Montessori

Objects – I spy

Bob Books

Montessori Research & Development has some good materials to go with pink series

www.montessorimaterials.com has free language materials

Primary Science Inventory

Jumbo Rain gauge, thermometer

Floor magnifier

Small magnifiers – for wearing around the neck

Small bug box magnifier

Butterfly net

Puzzles – rainbow; water evaporation

Glass prism

Magnets

Binoculars

Balance scale

Primary Geography Inventory

Land forms – geo molds (Kinderlings Co.)

Flags – US, Canada, Mexico, Cuba, Brazil, Chile, Peru, Argentina, Egypt, Nigeria, Kenya,
Ethiopia

Flag base that can hold 3-5 flags (need 2-3 of these)

Continents and their animals floor map (Waseca)

In print Co. - colors of the rainbow

Primary Classroom Management

Classroom rules chart – “I Care” rules from Peaceworks Co. are good

Music box (non-breakable is better) for signaling end to work time

Rainstick or chimes for calm transitions

Peace Table items: “talking” stick or rose

Books about peace, e.g., My Peaceful Classroom

Small Framed Picture of Maria Montessori

CD’s – classical background music

Legos, blocks, puzzles for “no lesson” shelves at start of year

Extra: (nice to have but not essential in beginning)

Sensorial: Knobless Cylinder pattern cards (Montessori Research & Development Co.)

Laminated pattern cards for pink tower (Cabdev Co.)

Math: Teddy bear counters for sorting, patterns

Number rods chart (small blue & red rods - Cabdev Co.)

Writing: Primary blank book (lined pages) – (Curriculum Associates Co.)

Art: “Child Sized Masterpieces Set” – (Nienhuis Co.)

Chubby stumps

“A Guide for the Mont. Classroom” – 4 bks. (Fall, Spring, Winter, Summer)

Contains many ideas for line time, unit themes (New Child Publishing Co.)

