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|  | **Montessori Children’s House****Kindergarten Curriculum** |
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**Language Arts**

Montessori reading instruction uses a structured literacy approach, with direct instruction and systematic progression through increasingly difficult material. Our reading material is color-coded by difficulty: Pink, Blue, and then Green. Each student works at his or her own individual pace, and students who master all of the following activities will move on to first grade and subsequent curriculum work if appropriate.

**Pink Material (Three letter phonetic words, e.g., “cat” and short sight words):**

* Recognition of letter sounds
* Recognition of beginning, middle, and ending sounds in words
* Spelling words with Movable Alphabet
* Reading and matching words with objects/pictures
* Unscrambling words
* Writing the missing ending, beginning and middle sounds
* Reading and writing word lists on paper
* Drawing pictures for the given words
* Spelling words on paper
* Reading simple sentences, drawing associated pictures
* Reading short, simple phonetic books

**Blue Material (Four letter and longer phonetic words, e.g. “pond” and “stop” and additional sight words)**

* Spelling words with Movable Alphabet
* Writing missing sounds in words
* Reading and writing words lists
* Reading and matching labels with pictures/objects
* Selecting the correct word that goes with the picture
* Writing missing blends/vowels in words
* Unscrambling words
* Reading and writing word lists on paper
* Drawing pictures for the given words
* Spelling words on paper
* Reading simple sentences, drawing associated pictures
* Reading booklets and short phonetic books

**Green Material (Phonograms of oo, ee, ai, ch, sh, oa, or, oy, oi, ing, ea, ar, ph, i-e, a-e, and additional sight words)**

* Spelling words with Phonogram Letter Boxes
* Reading and matching labels with objects and pictures
* Reading and writing phonogram word lists
* Filling in missing phonograms in words
* Unscrambling words
* Matching words with pictures
* Reading sentences and drawing associated pictures
* Spelling words on paper
* Reading short phonetic books and booklets
* Simple sentence building activities

As students progress through the Pink, Blue, and Green Material, they are also receiving parallel instruction on vocabulary building, grammar/syntax, comprehension and critical thinking, and writing mechanics:

* Proper letter formation
* Letter spacing and word spacing
* Writing first and last names
* Antonyms
* Rhyming words
* Gendered words (people, family, and animals)
* Singular and plural
* Parts of speech (nouns, verbs, adjectives, prepositions)
* Punctuation
* Writing sentences
* Abbreviations
* Collective nouns
* Present and past tenses
* Parts of a book (Title, author, illustrator, Table of Contents)
* Comprehension/discussion/practice retelling short stories with detail
* Main characters, story sequencing

**Mathematics**

**Basic numeracy activities:**

* Recognize numerals 1-10
* Associate 1-10 (numerals and quantities)
* Spindle Boxes
* Short Bead Stair 1-10
* Coloring Short Bead Stair
* Teen Numbers 11-19
* Associate 11-19 with quantities
* Coloring Teen Numbers
* Tens Boards (11-99) numerals and quantities
* Hundred Board (1-100)
* Missing numerals (1-50), (51-100)
* Writing numerals 1-100
* Counting/writing 1-110

**Intermediate numeracy activities:**

* Cards and Counters (odd and even)
* Skip counting in 2, 5, 10
* Counting backwards from 20
* Writing number names 1-10
* Identifying ordinal positions (1st, 2nd, 3rd, etc.)
* Greater than, lesser than, and equal to

**Telling time:**

* Learning about the clock
* Reading time to the hour/half past/quarter after/quarter till
* Matching analog and digital clocks that show the same time
* Telling time to the minute on an analog clock

**The Decimal System:**

* Decimal Beads (1, 10, 100, 1000)
* Place value
* Fetching quantities from memory (1-9999)
* Decimal System Cards (1, 10, 100, 1000)
* Fetching and reading numerals (1-9999)
* Associating quantities and numerals (1-9999)

**Addition:**

* Single digit addition with Short Bead Stair, Table Top Rods, Addition Strip Board, Snake Game
* 4 Digit Static Addition with Bank Game
* 4 Digit Static Addition with Stamp Game
* 4 Digit Static Addition with Short Bead Frame
* Addition with Dot Game

**Subtraction:**

* Single digit subtraction with Strip Board and Fact Tables
* 4 Digit Static Subtraction with Bank Game, Stamp Game, Short Bead Frame

**Money:**

* Introduction to coins and bills
* Counting coins and bills
* Matching money with prices
* Money Bank: fetching the given amount of money from the bank
* Money mastery field trip! (counting coins to purchase a slurpee from the nearby 7-11 store)

**Measuring:**

* Using a ruler/tape (in inches and centimeters)
* Measuring weight/height/length
* Volume
* Estimation

**Advanced math activities:**

* Fractions: 1 whole, 1/2, 1/3, 1/4, 1/8
* Geometric shapes
* Geometry solids
* Different types of lines
* Place value practice
* Symmetry
* Dynamic Addition
* Dynamic Subtraction
* Multiplication
* Division

**Learning Units by Month**

**September:**

* Calendar: days of the week, months of the year
* USA Flag/The National Anthem
* Grace & courtesy/our peaceful classroom
* MCH rules for playground and classroom
* Getting to know each other: Me Bag
* Fire safety
* Safety at school/home
* Jonny Appleseed
* Parts of an apple/life cycle of an apple
* Names of different types of apples
* Growth of a plant
* Animal groups (Mammals, Birds, Reptiles, Fish)
* Animal classification
* Introduction to Land and Water Globe
* Introduction to Continent Globe/Map Puzzle
* Five Senses (classifying pictures)

**October:**

* The four seasons
* Fall colors
* Parts of a tree
* Recognizing different types of trees
* Parts of a pumpkin/life cycle of a pumpkin
* Names of oceans
* Geometric shapes
* Christopher Columbus
* Insects/spiders/big cats
* Human body and skeleton
* Living and non-living
* Magnetic and non-magnetic
* Construction of a world map/labeling continents and oceans
* Classification of objects/pictures by texture
* Sense of touch

**November:**

* Study of North America (food, flags, animals, musical instruments, information, pictures, and objects from North America)
* Fall vegetables and harvesting
* The story of Thanksgiving
* Pilgrims and colonial times
* Native Americans
* Compare now and then (past and present) pictures
* Classify objects by weight
* Body parts of animals
* What am I thankful for
* Animal classification: carnivore, herbivore and omnivore
* Parts of a leaf
* Weather, reading a thermometer, difference between ˚F and ˚C
* Simple tools and how they work
* Where do things come from (e.g., tomato-ketchup)
* Specific animals of 7 continents (classifying animal objects/pictures)
* Sense of taste

**December:**

* Study of Europe (food, flags, animals, musical instruments, information, pictures, and objects from Europe)
* Animals and their young (emphasis on vocabulary, e.g., goat-kid)
* Experiments on color
* Food groups (classification of food objects and pictures into food groups)
* My Plate: the importance of having a balanced meal
* Age progression
* Classify soft and hard objects
* The State of Virginia
* Christmas around the world
* Land/water formations: Islands and Lake, Archipelago and System of Lakes
* Constellations
* Light/heat
* Classification of vertebrates and invertebrates
* Animal movement on land, water and air
* Sense of smell

**January:**

* Arctic and Antarctica (animals of Arctic/Antarctica)
* Classification of hot and cold things
* Snow and snowstorms
* Classification of animals that hibernate/migrate and adapt during winter
* Layers of the earth
* Planets
* Dr. Martin Luther King, Jr.
* State abbreviations
* Land/water formations**:** cape and bay
* Understanding communities, neighborhoods/mapping
* Hemispheres
* Classification of artificial and natural sounds
* Sense of hearing

**February:**

* Study of South America (food, flags, animals, musical instruments, information, pictures, and objects from South America)
* Friendship/good manners/caring/kindness
* Human needs: food, clothes, shelter
* Groundhog Day
* Presidents George Washington and Abraham Lincoln
* Roles/duties and qualifications of a President
* Land and water formations: isthmus and strait
* Dental health
* Laws, rules, choices, and privileges
* Classification of large, medium, and small
* Famous artists
* Different mediums of art
* Inventors
* Famous people around the world
* Dr. Maria Montessori/history of Montessori education
* Visual sense

**March:**

* Study of Africa(food, flags, animals, musical instruments, information, pictures and objects from Africa)
* Animal homes
* Animal voices
* St. Patrick’s Day/Ireland
* Occupations
* Transportation
* Recognizing musical instruments
* Animal habitats
* Recognizing different types of seeds
* Traffic/road signs
* Fractions (whole and half)
* Capitals of countries
* Animal skin
* How many legs (animals): unipedal, bipedal, quadrupedal, etc.

**April:**

* Study of Asia(food, flags, animals, musical instruments, information, pictures, and objects from Asia)
* Houses/homes around the world
* Rainforest animals
* Water cycle
* Nocturnal and diurnal animals
* Life cycle of a frog/chicken/butterfly/bee/sea turtle
* Parts of a root
* Earth Day and recycling
* Land/water formations: peninsula and gulf

**May:**

* Study of Australia (food, flags, animals, musical instruments, information, pictures and objects from Australia)
* Recognizing different types of flowers
* Parts of a flower
* Mother’s Day
* Responsibilities at home
* Farm animals, zoo animals, wild animals, birds
* Animal families
* Classification of countries by continent

**June:**

* Ocean animals
* Zones of the ocean
* Father’s Day
* Study of Hawaii
* Volcanoes
* Tsunamis
* Safety at park/playground/pool/beach
* Independence Day