

MTA Club Year 1 Scope and Sequence

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The MTA all-inclusive club is a unique annual membership offered by Montessori Tube Academy and registration is only open twice a year in August and January.

## Being a member of the MTA (Montessori Tube Academy) inclusive club will grant you access to:

- 10 early childhood and lower elementary e-courses that include over 150 Montessori video presentations.
- Access to the growing video library of 7 upper elementary ecourses.
- One year of weekly lesson plans for all age groups (3-6 / 6-9 / 912). So, you will have access to 12 monthly lesson plans which is a total of 144 lesson plans for the whole year!
- Note: Only 5 months of upper elementary plans are currently available when you register on August 1 . The other 7 months will be uploaded monthly starting January 2023.
- This is perfect for parents/teachers who have children in different planes of development and are still new to Montessori. This is one of the main reasons this program became so popular and used by hundreds of parents and schools across the world. If you are a parent or teacher at an expert level in Montessori, you know how to observe the child, and prepare the environment according to their interest, you may want to create your own plans and just take ideas or bits and pieces from the suggested lesson plans flow offered.

Below is the scope and sequence for the first year, as well as a blank template if you want to plan your own year!

## September

PRIMARY 3-6

- Conversation pictures
- I spy sound games
- (c,m,a,t) / (s,r,i,i,b)
- Rhyming words
- Number rods
- Sandpaper numerals (3 numerals at a time until mastered)

Cardinal directions

- Sand globe
- Nature table


## LOWEREL <br> 6.9

- Conversation pictures.
- Nouns in the environment.
- Singular and plural nouns.
- Verbs impressionistic lesson
- Decimal system with the golden beads (quantities and symbols).
- Tray of nines
- Creation stories
- First great lesson follow up experiments.
- Solar system impressionistic chart.


## - Elements of Art

 impressionistic lesson.- Shape, space, color, and value
- Create a value landscape.
- Sewing preliminary lesson
- Sewing a button
- Mobile case sewing project.
- Folding napkins and clothes.
- Paper weaving


## UPPER EL 9.12

- Aspects of verbs
- Action and thinking verbs
- Personal pronouns
- Analyze simple sentences
- Simple tenses charts
- Commutative law of multiplication
- Associative law of multiplication
- Distributive law of multiplication
- Story of elements (parts 1 and 2)
- History of smelting
- Corrosion
- Oxygen (candle experiment)
- Collage
- Cutting lines
- Gluing
- Printing/stamping
- Dot painting
- Color box 1 and 2
- Pink tower
- Dry transferring
- Knobbed cylinders
- Rolling/unrolling a mat
- How to hold a tray and chair
- Color Theory.


## - Sculpting a car

## PRIMARY 3-6

- Match large movable alphabets letters to sandpaper
. Short vowels.
- Formation of letters on chalk board
- Greater than/less than
- Cards and counters
- Short bead stair
- Positive snake game
- Colored globe
- Continents puzzle map
- Continents boxes


## LOWEREL 6.9

- Alphabetical order
- Adverbs \& Adjectives
- Descriptive writing
- Synonyms
- The story of writing
- Metal insets
- Reading levels
- 45 layout bird's eye view.
- Geometric Cabinet
- Static \& dynamic addition
- Fractions with apples and skittles
- Multiplication
- Layers of the earth
- Volcanoes
- Vertebrates and invertebrates
- The story of numbers (5th great lesson)
- Overlapping poster that shows space
- Portrait, still life, and landscape
- Echo drawing
- Beans mosaic art
- Symmetry
- Weaving on a wooden loom.
- Hammering nails in a tree log and pumpkin.
- Car wash, tires polishing and adding air.

UPPER EL 9-12

## - Simple tenses

 conjugation (past, present, future)- Transitive and intransitive verbs
- Analyze sentences with direct/indirect objects.
- Similar, congruent, and equivalent figures


## - Story of elements

 (parts 3 and 4)- Overview of the elements that make up the human body
- Overview of the periodic table
- Piet Mondrian inspired art.


## - Sculpting an animal

## November

## PRIMARY 3-6

- Puzzle words (fry words)
- Letters mapping
- p,l,e,g
- Number bonds
- Teen boards and ten boards
- Hundred board
- Bring me game
- Geometric solids
- Antarctica sensory tray
- Mammals
- States of matter
- Artist study: Bosschaert
- Silence game
- Squeezing sponges
- Table washing
- Shallow/deep exercises
- Knobbed cylinders continued


## LOWEREL <br> 6.9

- Capitalization
- Reading words with silent 'e'
- Puzzle words (fry words)
- Articles
- Line, plane, and solid
- Stamp game (composing numbers and operations according to each child level)
- Great lessons creation storiescontinued
- Anatomy of a fish


## UPPER EL $9-12$

- Types of adjectives (proper, possessive, demonstrative, and interrogative)
- Analyze sentences with different types of adjectives
- Relate fractions to decimals in a written form with values
- Build and read numbers on the fractions decimals board
- Parts of a volcano
- The rock cycle
- Types of rocks
- Rocks crayon activity
- Elements, compounds, and mixtures
- Sculpting texture in clay


## - Sculpting texture in

 clay using tools
## December

PRIMARY 3-6

- Objects to beginning sounds matching
- d,h,i,n
- Sequencing a story
- Telling time to the nearest hour/half hour
- Hundred board
- Tens bead chain
- Addition with the strip board.
- Anatomy of a fish
- Earth rotation (day and night)
- Water cycle
- Artist study: Japanese artist "Yayoi Kusama"
- Polka dots art
- Sounds cylinders
- Putting on a coat with coat flip
- Touch boards
- Clamping with clothpins
- Using a sharpener


## LOWER EL 6.9

- Conjunctions
- How to use a comma
- Daily sentence parsing activities (symbolize parts of speech)
- Telling time to the nearest minute and five minutes
- Skip counting with the bead chains
- Operations with the stamp game.
- Earth rotation (day and night)
- Create 24 hours timeline
- Great lessons (Early human beings)
- Water cycle
- Artist study:

Japanese artist
"Yayoi Kusama"

- Polka dots art


## UPPER EL 9.12

- Using apostrophe in possessives
- Contractions
- Elements of drama
- Using a hyphen
- Regular and irregular polygons
- Addition with decimals
- Multiplication with decimals
- Equivalency with the constructive triangles
- Coarse mixtures and how to separate them
- Plant cell
- Photosynthesis impressionistic lesson (The Leaf as a Factory)
- Artist study: Jackson Pollock
- Drip, drip, splat strategy in paintings
- Expressing gratitude with Art
. Leaf Art


## - Carpentry (DIY bookcase)

## PRIMARY 3-6

- Phonics and reading games
- $\mathrm{x}, \mathrm{y}, \mathrm{i}, \mathrm{z}$
- Objects that fit together (association skills)
- Doubling and halving
- Addition with the strip board (random order)
- Addition memorization charts
- Earth orbit and the four seasons
- Timeline of the months of the year
- Water cycle
- Human body (internal organs)
- Artist study: French artist "Claude Monet"
- Snowflakes beading
- Snowflakes marshmallows


## - Touch tablets

- Fabrics matching
- Eye dropper wet transfer into suction cups of a soap holder


## LOWER EL 6.9

- Prepositions
- Instructional writing (How to....)
- Question mark key lesson
- Simple sentence analysis
- Multiplication bead board (repeated addition)
- Multiplication with the bead bars
- Create a timeline of any of the creation stories/great lessons
- Plan a water cycle skit
- Timeline/History of clocks
- Artist study: French artist "Claude Monet"
. Snowflakes beading
. Salt snowflakes
- Assemble a chair, table, or bookcase.
Note: We
recommend IKEA
products for easy-to-follow instructions


## UPPER EL $9-12$

- Collective, concrete, and abstract nouns.
- Using Colons and Semicolons
- Equivalence with the constructive trianglescontinued
- Multiplying a decimal by a decimal.
- Characteristics of living things.
- The kingdoms of living things overview
- Prokaryotic and Eukaryotic cells.
- Foundation strokes and techniques
- Using different kinds of paint and angles to make calligraphy.
- How to create a webquest


## PRIMARY 3-6

- Name objects in winter environment
- h,j,u,v
- Show and tell
- Multiplication bead board
- Multiplication with the bead bars
- Subtraction negative snake game
- How animals keep warm in winter
- Types of clouds
- Migration
- Artist study:

American artist
"Alma Thomas"

- Origami Penguin
- Origami bear
- Triangular and rectangular boxes
- Pouring with a funnel
- Leaves raking
- Sound bells
- Shoe polishing

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LOWER EL
    6.9
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- Prefixes
- Analyze simple sentences
- Multiplication with the bead frame (one digit multiplier)
- Constructive triangles
- Types of lines
- Anatomy of a human body
- Heart pump model
- Lung model
- Types of clouds
- Severe weather
- Tornado jar
- Artist study:

American artist
"Alma Thomas"

- Origami Penguin
- First aid overview
- CPR
- Types of knots

UPPER EL 9-12

- Nouns (masculine, feminine, common gender)
- Special plural rules
- Sentences parsing using all the advanced grammar symbols
- Subtraction with the fractions decimal board
- How to use a compass
- Parts of a circle
- Circumference of a circle
- The scientific method
- Bacteria Kingdom
- History of ancient civilizations
- Calligraphy lessons (continued)
- Jewelry making
- Decision-making skills


## PRIMARY 3-6

- Consonant blends /spr//fr/, /dr/, /tr/, /spr/.
- Build words with consonant blends with the movable alphabets.
- Subtraction with the number rods.
- Subtraction strip board.
- Rainbows
- Thermometers
- Seasons wheel
- Spring greeting card
- Make a butterfly or things we see in spring using objects from nature
- Rainbow bubble wrap
- Thermic bottles
- Flower arrangement


## LOWER EL <br> 6.9

- Interjections
- Suffixes
- Read and write words with long /i/
- Multiplication with the peg board (one digit multiplier)
- Multiplication word problems
- Large bead frame notation paper
- Spring flowers
- Dissecting a flower
- Parts of a lily flower
- Thermometers
- Make a butterfly or things we see in spring using objects from nature
- Spring card
- Spring ornaments
- Flowers bouquet
- Caring for a garden (weeding)


## UPPER EL $9-12$

- Moods of verbs (indicative, subjunctive, and imperative)
- Compound tenses
- Division with the fractions decimal board
- Height/Altitude of a triangle
- Orthocenter of a triangle
- Animals Kingdom
- Parts of the hydrosphere
- Oceans and seas of the world
- Oceans unit study


## - Arabesque art

## - Gardening

PRIMARY 3-6

- Upper and lower case letters
- /cl/, /bl/, /pl/, /fl/, /sl/.
- Rhyming words poem

Number names 1-20

- Measuring weight with a balance scale
- Multiplication with two digits multiplier
- Measuring length with non-standard units
- Life cycle of a bee and bee anatomy
- Recycling
- Phases of the moon


## LOWER EL

6.9

- Poetry (Acrostic Poem)
- Syllables
- Plan an earth day skit
- Sentences parsing
- Honeybees and earth day crafts
honeybee
- Phases of the moon
- Earth rice coloring
- Beehive craft
- Finger painting
- Life cycles
- Parents and baby animals
. Life cycle of a

- Baric tablets (heavy/light)


## UPPER EL $9-12$

- Types of adverbs (manner, time, place, degree, number, doubt, negative, affirmative)
- Constructing triangles with a compass
- Measurement of angles with a Montessori and regular protractor
- Fungi Kingdom
- Buoyancy in water
- Overview of Art in ancient and modern civilizations


## - Using Canva app to

 create designs
## PRIMARY 3-6

- Verbs
impressionistic lesson
- Spring vocabulary
- Nouns impressionistic lesson
- American system measuring units for length.
- Intro to place value and bring me game
- Land, air, water
- Landforms and water bodies.
- Butterflies unit study
- Famous spring paintings
- Artist study: Chinese artist: Zhan Ziqian
- Concentric figures
- Inscribed figures
. Self-care: nose blowing


## LOWEREL <br> 6.9

- Homophones
- Read and write words with silent k and $h$
- Alliteration poems
- American system measuring units for length.
- Multiplication with the checkerboard
- Landforms and water bodies.
- Butterflies unit study
- Famous spring paintings
- Artist study: Chinese artist: Zhan Ziqian
- Conflict-resolution scenarios
(Character
Education)

UPPER EL 9-12

- Types of adverbs (interrogative and conjunctive)
- Constructing triangles with a compass
- Measurement of angles with a Montessori and regular protractor
- Plants Kingdom
- History of ancient civilizations
- Overview of Art in ancient and modern civilizations - continued
- Dealing with mistakes
- Problem-solving skills
- The art of wondering
- Creative thinking


## June

PRIMARY 3-6

- r-controlled vowels
- Name objects in the environment using phrases/sentences

| . Number sense |
| :---: |
| matching exercise |
| (Expanded and word |
| forms of numbers. |
|  |

- Wildlife in Africa and African biomes
- Artist study: Australian artist: Emily Kame Kngwarreye
- Aligned and tangential figures
- Self-care: hygiene when coughing and sneezing
- Germs pepper and soap experiment
- Rectangular box 2


## LOWEREL <br> 6.9

- Homographs
- Read and write words with (-tion , sion, -ssion, -cian)
- Multiplication with the checkerboard (3rd and 4th passage)
- Subtraction with the golden beads

- Social-emotional character pillar: Empathy

UPPER EL 9-12

- Adverbs as modifiers of a verb, adjective, adverb, verbal, or preposition.
- Quadrilaterals according to their sides and angles
- Height/Altitude of a quadrilateral
- Protoctista Kingdom
- Timeline of inventions
- Impressionism in Art


## - Photography

## PRIMARY 3-6

- Words with -all, -oll -ell, -ull, and -ill
- Comparing numbers
- Life cycle of a sunflower
- Wildlife in North America A-Z cards
- How to draw a sunflower
- Sunflowers in Art

LOWER EL
6.9

- Quotation marks key lesson
- Subtraction with the stamp game
- Layers of the sun
- Wildlife in North America

How to draw a sunflower

- Sunflowers in Art

Social-emotional character pillar: Compassion

UPPER EL 9-12

- Verbals (infinitive, gerund, and participle)
- Multiplication facts with decanomial
- Decanomial with numeric values
- Humans Kingdom
- Overview of the human body and main systems

Expressionism in Art

- Photography continued


## PRIMARY 3-6

- Free choice of activities. Practice all lessons introduced and observe the child's progress.
- Addition facts with the bead houses
- Even and odd numbers
- Number sequence (which number comes before/after)
- Cosmic address
- Wildlife in Asia A-Z cards

LOWER EL 6.9

- Descriptive writing prompts
- Green series activities
- Practice static and dynamic subtraction
- Money word problems
- The cosmic address
- Wildlife in Asia
- History of money
- Fundamental needs of human beings
- Color theory (primary, secondary, and tertiary colors)
- Warm and cool colors
- Social-emotional character pillar: Fairness and equality

UPPER EL 9-12

- Voice of verbs (active and passive)
- Decanomial with Algebraic values
- Transformation into squares and cubes.
- The carbon cycle
- The nitrogen cycle
- Properties of matter
- Physical and chemical change of matter
- Surrealism in Art
- Coding



## Plan your own year

 with your child. Watch the videos and prepare the environment and lessons based on observing your childand their interests

## September

PRIMARY
3-6



PRIMARY
3-6



## November

PRIMARY
3-6


LOWEREL
6.9



PRIMARY
3-6


$\square$

January

PRIMARY
3-6



## Fobrunry

PRIMARY
3-6




UPPER EL 9-12
LOWER EL
6.9


## Mareh

PRIMARY
3-6



LOWER EL
6-9



PRIMARY
3-6


6-9



LOWER EL
6.9



PRIMARY
3-6
LOWER EL
6.9



