

# 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 <u>registration</u> 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 / 9-12). 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

### LOWER EL 6-9

### UPPER EL 9-12

- Conversation pictures
- I spy sound games
- (c,m,a,t) / (s,r,i,b)
- Rhyming words
- Conversation pictures.
- Nouns in the environment.
- Singular and plural nouns.
- Verbs impressionistic lesson
- · Aspects of verbs
- Action and thinking verbs
- Personal pronouns
- Analyze simple sentences
- Simple tenses charts

- Number rods
- Sandpaper numerals (3 numerals at a time until mastered)
- Decimal system with the golden beads (quantities and symbols).
- Tray of nines
- Commutative law of multiplication
- Associative law of multiplication
- Distributive law of multiplication

- · Cardinal directions
- · Sand globe
- Nature table
- · Creation stories
- First great lesson follow up experiments.
- Solar system impressionistic chart.
- Story of elements (parts 1 and 2)
- · History of smelting
- Corrosion
- Oxygen (candle experiment)

- · Push pin
- · Collage
- Cutting lines
- Gluing
- · Printing/stamping
- Dot painting
- Elements of Art impressionistic lesson.
- Shape, space, color, and value
- Create a value landscape.

Color Theory.

- Color box 1 and 2
- Pink tower
- Dry transferring
- Knobbed cylinders
- Rolling/unrolling a
- How to hold a tray and chair
- Sewing preliminary lesson
- Sewing a button
- Mobile case sewing project.
- Folding napkins and clothes.
- Paper weaving

· Sculpting a car

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# October

# PRIMARY 3-6

# LOWER EL 6-9

### UPPER EL 9-12

- Match large movable alphabets letters to sandpaper
- · Short vowels.
- Formation of letters on chalk board
- Alphabetical order
- Adverbs & Adjectives
- Descriptive writing
- Synonyms
- · The story of writing
- · Metal insets
- · Reading levels
- Simple tenses conjugation (past, present, future)
- Transitive and intransitive verbs
- Analyze sentences with direct/indirect objects.

- Greater than/less than
- · Cards and counters
- · Short bead stair
- Positive snake game
- 45 layout bird's eye view.
- Geometric Cabinet
- Static & dynamic addition
- Fractions with apples and skittles
- Multiplication

 Similar, congruent, and equivalent figures

- Colored globe
- Continents puzzle map
- · Continents boxes
- · Layers of the earth
- Volcanoes
- Vertebrates and invertebrates
- The story of numbers (5th great lesson)
- Story of elements (parts 3 and 4)
- Overview of the elements that make up the human body
- Overview of the periodic table

- Coloring within the lines
- Symmetry

- Overlapping poster that shows space
- Portrait, still life, and landscape
- Echo drawing
- Beans mosaic art
- Symmetry

Piet Mondrian inspired art.

- Prepare a snack for the class or at home (fruits Skewers).
- Large/medium/small
- Smelling bottles
- · Peeling a banana
- · Mystery bag
- Spreading

- Weaving on a wooden loom.
- Hammering nails in a tree log and pumpkin.
- Car wash, tires polishing and adding air.
- · Sculpting an animal

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# November

### **PRIMARY** 3-6

### LOWER EL 6-9

### **UPPER EL** 9-12

- Puzzle words (fry words)
- · Letters mapping
- p,l,e,g

- Capitalization
- Reading words with silent 'e'
- Puzzle words (fry words)
- · Articles

- Types of adjectives (proper, possessive, demonstrative, and interrogative)
- Analyze sentences with different types of adjectives

- Number bonds
- · Teen boards and ten boards
- Hundred board
- · Bring me game
- · Geometric solids
- Line, plane, and solid
- · Stamp game (composing numbers and operations according to each child level)
- · Relate fractions to decimals in a written form with values
- Build and read numbers on the fractions decimals board

- Antarctica sensory tray
- Mammals
- · States of matter
- Great lessons creation storiescontinued
- · Anatomy of a fish
- Parts of a volcano
- The rock cycle
- Types of rocks
- Rocks crayon activity
- · Elements, compounds, and mixtures

- Artist study:
- Artist study: Bosschaert
- Sculpting texture in clay

Bosschaert

- · Silence game
- · Squeezing sponges
- · Table washing
- Shallow/deep exercises
- · Knobbed cylinders continued
- · One and four fingers knitting
- Sculpting texture in clay using tools

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# December

### PRIMARY 3-6

# LOWER EL 6-9

### UPPER EL 9-12

### Objects to beginning sounds matching

- d,h,i,n
- Sequencing a story
- Conjunctions
- How to use a comma
- Daily sentence parsing activities (symbolize parts of speech)
- Using apostrophe in possessives
- Contractions
- Elements of drama
- Using a hyphen

### Telling time to the nearest hour/half hour

- Hundred board
- Tens bead chain
- Addition with the strip board.
- Telling time to the nearest minute and five minutes
- Skip counting with the bead chains
- Operations with the stamp game.
- Regular and irregular polygons
- Addition with decimals
- Multiplication with decimals
- Equivalency with the constructive triangles

### Anatomy of a fish

- Earth rotation (day and night)
- · Water cycle
- Earth rotation (day and night)
- Create 24 hours timeline
- Great lessons (Early human beings)
- Water cycle

- Coarse mixtures and how to separate them
- Plant cell
- Photosynthesis impressionistic lesson (The Leaf as a Factory)

### Artist study: Japanese artist "Yayoi Kusama"

• Polka dots art

- Artist study: Japanese artist "Yayoi Kusama"
- Polka dots art
- Artist study: Jackson Pollock
- Drip, drip, splat strategy in paintings
- Expressing gratitude with Art
- Leaf Art

### Sounds cylinders

- Putting on a coat with coat flip
- · Touch boards
- Clamping with clothpins
- · Using a sharpener

### • Knitting on a circular loom

Carpentry (DIY bookcase)

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# January

### PRIMARY 3-6

## LOWER EL 6-9

### UPPER EL 9-12

- Phonics and reading games
- x,y,i,z
- Objects that fit together (association skills)
- Prepositions
- Instructional writing (How to....)
- Question mark key lesson
- Simple sentence analysis
- Collective, concrete, and abstract nouns.
- Using Colons and Semicolons

- Doubling and halving
- Addition with the strip board (random order)
- Addition memorization charts
- Multiplication bead board (repeated addition)
- Multiplication with the bead bars
- Equivalence with the constructive trianglescontinued
- Multiplying a decimal by a decimal.

- Earth orbit and the four seasons
- Timeline of the months of the year
- · Water cycle
- Human body (internal organs)
- Create a timeline of any of the creation stories/great lessons
- Plan a water cycle skit
- Timeline/History of clocks
- Characteristics of living things.
- The kingdoms of living things overview
- Prokaryotic and Eukaryotic cells.

- Artist study: French artist "Claude Monet"
- Snowflakes beading
- Snowflakes marshmallows
- Artist study: French artist "Claude Monet"
- Snowflakes beading
- Salt snowflakes
- Foundation strokes and techniques
- Using different kinds of paint and angles to make calligraphy.

- · Touch tablets
- · Fabrics matching
- Eye dropper wet transfer into suction cups of a soap holder
- Assemble a chair, table, or bookcase.
   Note: We recommend IKEA products for easyto-follow instructions
- How to create a webquest

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# February

### PRIMARY 3-6

### LOWER EL 6-9

### UPPER EL 9-12

- Name objects in winter environment
- h,j,u,v
- · Show and tell
- · Prefixes
- Analyze simple sentences
- Nouns (masculine, feminine, common gender)
- Special plural rules
- Sentences parsing using all the advanced grammar symbols

- Multiplication bead board
- Multiplication with the bead bars
- Subtraction negative snake game
- Multiplication with the bead frame (one digit multiplier)
- Constructive triangles
- Types of lines
- Subtraction with the fractions decimal board
- How to use a compass
- · Parts of a circle
- Circumference of a circle

- How animals keep warm in winter
- Types of clouds
- Migration

- Anatomy of a human body
- Heart pump model
- Lung model
- Types of clouds
- Severe weather
- Tornado jar

- The scientific method
- Bacteria Kingdom
- History of ancient civilizations

- Artist study:
   American artist

   "Alma Thomas"
- Origami Penguin
- · Origami bear
- Artist study:
   American artist
   "Alma Thomas"
- Origami Penguin
- Calligraphy lessons (continued)

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

- First aid overview
- CPR
- Types of knots
- Jewelry making
- · Decision-making skills



# March

# PRIMARY 3-6

### LOWER EL 6-9

### UPPER EL 9-12

- Consonant blends /spr//fr/, /dr/, /tr/, /spr/.
- Build words with consonant blends with the movable alphabets.
- · Interjections
- Suffixes
- Read and write words with long /i/
- Moods of verbs (indicative, subjunctive, and imperative)
- Compound tenses

- Subtraction with the number rods.
- Subtraction strip board.
- Multiplication with the peg board (one digit multiplier)
- Multiplication word problems
- Large bead frame notation paper
- Division with the fractions decimal board
- Height/Altitude of a triangle
- Orthocenter of a triangle

- Rainbows
- Thermometers
- Seasons wheel
- Spring flowers
- Dissecting a flower
- Parts of a lily flower
- Thermometers
- Animals Kingdom
- Parts of the hydrosphere
- Oceans and seas of the world
- Oceans unit study

- Spring greeting card
- Make a butterfly or things we see in spring using objects from nature
- Rainbow bubble wrap
- Make a butterfly or things we see in spring using objects from nature
- Spring card
- Spring ornaments
- Arabesque art

- Thermic bottles
- Flower arrangement
- Flowers bouquet
- Caring for a garden (weeding)
- Gardening

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# April

### PRIMARY 3-6

### LOWER EL 6-9

### UPPER EL 9-12

- Upper and lower case letters
- /cl/, /bl/, /pl/, /fl/, /sl/.
- Rhyming words poem
- Poetry (Acrostic Poem)
- Syllables
- Plan an earth day skit
- Sentences parsing
- Types of adverbs (manner, time, place, degree, number, doubt, negative, affirmative)

- Number names 1-20
- Measuring weight with a balance scale
- Multiplication with two digits multiplier
- Measuring length with non-standard units
- Constructing triangles with a compass
- Measurement of angles with a Montessori and regular protractor

- · Life cycles
- Parents and baby animals
- Life cycle of a honeybee
- Phases of the moon
- Life cycle of a bee and bee anatomy
- · Recycling
- Phases of the moon
- Fungi Kingdom
- Buoyancy in water

- · Earth rice coloring
- · Beehive craft
- Finger painting
- Honeybees and earth day crafts
- Overview of Art in ancient and modern civilizations

- Baric tablets (heavy/light)
- Honeycomb cupcakes
- Using Canva app to create designs

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# Phay

### PRIMARY 3-6

### LOWER EL 6-9

### UPPER EL 9-12

- Verbs impressionistic lesson
- Spring vocabulary
- Nouns impressionistic lesson
- Homophones
- Read and write words with silent k and h
- Alliteration poems

 Types of adverbs (interrogative and conjunctive)

- American system measuring units for length.
- Intro to place value and bring me game
- American system measuring units for length.
- Multiplication with the checkerboard
- Constructing triangles with a compass
- Measurement of angles with a Montessori and regular protractor

- · Land, air, water
- Landforms and water bodies.
- Butterflies unit study
- Landforms and water bodies.
- Butterflies unit study
- Plants Kingdom
- History of ancient civilizations

- Famous spring paintings
- Artist study: Chinese artist: Zhan Ziqian
- Famous spring paintings
- Artist study: Chinese artist: Zhan Ziqian
- Overview of Art in ancient and modern civilizations - continued

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- Concentric figures
- Inscribed figures
- Self-care: nose blowing
- Conflict-resolution scenarios (Character Education)
- Dealing with mistakes
- · Problem-solving skills
- · The art of wondering
- Creative thinking



# June

### **PRIMARY** 3-6

### **LOWER EL** 6-9

### **UPPER EL** 9-12

- r-controlled vowels
- Name objects in the environment using phrases/sentences
- Homographs
- Read and write words with (-tion, sion, -ssion, -cian)
- · Adverbs as modifiers of a verb, adjective, adverb, verbal, or preposition.

- Number sense matching exercise (Expanded and word forms of numbers.
- Multiplication with the checkerboard (3rd and 4th passage)
- · Subtraction with the golden beads
- Quadrilaterals according to their sides and angles
- Height/Altitude of a quadrilateral

- · Wildlife in Africa and African biomes
- · Wildlife in Africa and African biomes
- Protoctista Kingdom
- Timeline of inventions

- Artist study: Australian artist: **Emily Kame** Kngwarreye
- Artist study: Australian artist: **Emily Kame** Kngwarreye
- · Impressionism in Art

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- Aligned and tangential figures
- Self-care: hygiene when coughing and sneezing
- · Germs pepper and soap experiment
- Rectangular box 2
- Social-emotional character pillar: **Empathy**
- Photography





### PRIMARY 3-6

### LOWER EL 6-9

### UPPER EL 9-12

 Words with -all, -oll, -ell, -ull, and -ill  Quotation marks key lesson  Verbals (infinitive, gerund, and participle)

• Comparing numbers

• Subtraction with the stamp game

 Multiplication facts with decanomial

 Decanomial with numeric values

 Life cycle of a sunflower

 Wildlife in North America A-Z cards • Layers of the sun

• Wildlife in North America • Humans Kingdom

 Overview of the human body and main systems

How to draw a sunflower

• Sunflowers in Art

 How to draw a sunflower

• Sunflowers in Art

• Expressionism in Art

Blue triangles
 design box

 How to make homemade sunflower oil  Social-emotional character pillar: Compassion  Photography continued

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# August

# PRIMARY 3-6

### LOWER EL 6-9

### UPPER EL 9-12

 Free choice of activities. Practice all lessons introduced and observe the child's progress. Descriptive writing promptsGreen series

activities

vriting

• Voice of verbs (active and passive)

 Addition facts with the bead houses

 Even and odd numbers

 Number sequence (which number comes before/after)  Practice static and dynamic subtraction

 Money word problems  Decanomial with Algebraic values

Transformation into squares and cubes.

Cosmic address

Wildlife in Asia A-Z cards

• The cosmic address

• Wildlife in Asia

History of money

 Fundamental needs of human beings • The carbon cycle

• The nitrogen cycle

• Properties of matter

 Physical and chemical change of matter

· Colors in Art pieces

 Color theory (primary, secondary, and tertiary colors)

• Warm and cool colors

• Surrealism in Art

• 2D and 3D Shapes

 How to ask permission to interrupt.

· How to hold a chair

 Social-emotional character pillar: Fairness and equality · Coding

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# Plan your own year with your child. Watch the videos and prepare the environment and lessons based on observing your child and their interests



# September

	PRIMARY 3-6	LOWER EL 6-9	UPPER EL 9-12
LANGUAGE			
МАТН			
COSMIC			
ART			
PRACTICAL LIFE SENSORIAL			



# October

**PRIMARY LOWER EL UPPER EL** 3-6 6-9 9-12 LANGUAGE MATH COSMIC ART PRACTICAL LIFE Sensorial



# November

**PRIMARY LOWER EL UPPER EL** 3-6 6-9 9-12 MATH COSMIC ART PRACTICAL LIFE Sensorial



# December

	PRIMARY 3-6	LOWER EL 6-9	UPPER EL 9-12
LANGUAGE			
МАТН			
COSMIC			
ART			
PRACTICAL LIFE SENSORIAL			



# January

	PRIMARY 3-6	LOWER EL 6-9	UPPER EL 9-12
LANGUAGE			
МАТН			
COSMIC			
ART			
PRACTICAL LIFE SENSORIAL			



# February

	PRIMARY 3-6	LOWER EL 6-9	UPPER EL 9-12
LANGUAGE			
МАТН			
COSMIC			
ART			
PRACTICAL LIFE SENSORIAL			



# March

	PRIMARY 3-6	LOWER EL 6-9	UPPER EL 9-12
LANGUAGE			
МАТН			
COSMIC			
ART			
PRACTICAL LIFE SENSORIAL			





**PRIMARY LOWER EL UPPER EL** 3-6 6-9 9-12 LANGUAGE MATH COSMIC ART PRACTICAL LIFE Sensorial



# May

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	PRIMARY 3-6	LOWER EL 6-9	UPPER EL 9-12
LANGUAGE			
МАТН			
COSMIC			
ART			
PRACTICAL LIFE SENSORIAL			



# June

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	PRIMARY 3-6	LOWER EL 6-9	UPPER EL 9-12
LANGUAGE			
МАТН			
COSMIC			
ART			
PRACTICAL LIFE SENSORIAL			





	PRIMARY 3-6	LOWER EL 6-9	UPPER EL 9-12
LANGUAGE			
МАТН			
COSMIC			
ART			
PRACTICAL LIFE SENSORIAL			



# August

	PRIMARY 3-6	LOWER EL 6-9	UPPER EL 9-12
LANGUAGE			
МАТН			
COSMIC			
ART			
PRACTICAL LIFE SENSORIAL			