



RUBY PARK PUBLIC SCHOOL

SYLLABUS FOR THE ACADEMIC SESSION 2022-23

Subject - Maths

CLASS - UKG

Term	Month	Unit	Sub-topic	Writing	Oral
1st	April	<ul style="list-style-type: none">Revision of Pre- number concepts	<ul style="list-style-type: none">Heavy – light, front- behind, full-empty, few - many. (book) big-small, tall – short, long – short, more – less, sorting on the basis of size, colour, matching the sets. (funsheets)Spatial relationships (to describe position, direction)	Circling /ticking/crossing out/matching/joining exercises.	Oral work through concrete objects, physical activities.

	May	<ul style="list-style-type: none"> Numbers 1-10 Introduction of place value – TO 	<ul style="list-style-type: none"> Counting with objects Drawing quantities Sequence counting Backward counting (10 – 1) After/Before/In-between Numbers Number names 	Counting/drawing objects/writing numerals in correct place Sequence/backward counting After/before/in-between numbers	Oral work through live objects and physical activities, number cards, flash cards.
	June	<ul style="list-style-type: none"> Numbers (11 – 20) Introduction of the concept of zero Greater than, less than, equal to (1- 20) 	<ul style="list-style-type: none"> Same as above < = > , sign 	Writing numerals and other exercises given above. determining < = >.	Zero tiffin concepts. Number facts about zero through live objects. < = > through crocodile story.
	July	<ul style="list-style-type: none"> Numbers (21 – 40) Biggest and smallest number Number names (1 – 10) 	<ul style="list-style-type: none"> Same as above Biggest and smallest number 	Writing numerals in sequence. Same as above. Circle the biggest and smallest number. Number names – 1-10	Oral work through live objects, number cards, things in the classroom etc.
2nd	August	<ul style="list-style-type: none"> Numbers (41 – 50) Correcting the number sequence Number names (11 – 20) 	<ul style="list-style-type: none"> Same as above Small to big and big to small numbers (1-20) 	Correcting the sequence of numbers. Sorting the numbers. Number names (11-20)	Physical activity, use of aids.
	September	<ul style="list-style-type: none"> Numbers (51 – 60) Shapes Number names (21 – 30) Small to big/ Big to small numbers. 	<ul style="list-style-type: none"> Same as above Straight and curved lines Small to big/ Big to small numbers. 	Same as above. Drawing patterns of straight And curved lines. Number names (21 – 30) Arrange the numbers small to big /big to small in order.	Oral work showing things having straight and curved lines.
	October	<ul style="list-style-type: none"> Numbers (61 – 70) More shapes Patterns/ Skip Counting Number names (31-40) 	<ul style="list-style-type: none"> Same as above Shapes – square, rectangle, triangle, circle, semi – circle, oval, diamond/rhombus and star. Skip Counting of 2's ,3's and 5's (From the workbook) 	Drawing shapes, colouring with codes, funsheets. Number names (31 – 40) Same as above for numbers (61-70) Related pages from the workbook.	Identifying shapes of the things around, learning properties of shapes.
	November	<ul style="list-style-type: none"> Numbers (71 – 80) Time 	<ul style="list-style-type: none"> All above 	Exercises on sequence/backward writing of	Oral work on children's daily routine, days,

		<ul style="list-style-type: none"> • Number names (41 - 80) 	<ul style="list-style-type: none"> • Concept of morning, afternoon, evening and night, days, months, seasons. • Concept of clock(Only from the work book) 	<p>numbers, Funsheets on time concepts.Number names (41-50)</p> <p>Related workbook pages.</p>	<p>months, seasons.</p> <p>Using the clock to read the time.</p>
3rd	December	<ul style="list-style-type: none"> • Numbers (81 -90) • Write in figures (1- 30) • Mental sums • Addition • Revision of $< = >$ (70 - 90) 	<ul style="list-style-type: none"> • All above • Write in figures • Addition by drawing lines (stick method) • Addition with numbers • Mixed mental sums 	<p>Same as above.</p> <p>Easy count and write sums.</p> <p>Addition sums using lines and numerals.</p>	<p>Addition stories (with real objects from the class for concept building.)</p>
	January	<ul style="list-style-type: none"> • Numbers (91-100) • Concepts of place of hundred. • Subtraction 	<ul style="list-style-type: none"> • All above • HTO • Subtraction by crossing out • Subtraction with numbers 	<p>Above exercises. Numeral writing under HTO</p> <p>Subtraction by crossing out and with numerals.</p>	<p>Subtraction stories(with real objects from the class for concept building.)</p>
	February	<ul style="list-style-type: none"> • Revision of numbers (1-100) • Ordinal numbers • Introduction of Tens and Ones (Abacus Method) 	<ul style="list-style-type: none"> • Mental maths • 1st to 10th (First to tenth - ordinal numbers) • Tens and Ones (Abacus Method) 	<p>Mixed exercises on mental maths.</p> <p>Writing of ordinal numbers.</p> <p>Drawing the Abacus and writing the numbers.</p>	<p>Oral and quick mental maths.</p> <p>Orals on ordinal numbers.</p> <p>Orals on Tens and Ones.</p>
	March	<ul style="list-style-type: none"> • Revision of numbers (1-100) • Data handling • Money (Recognition of notes and coins) 	<ul style="list-style-type: none"> • Mental maths • Analysing and interpreting data • Recognition of notes and coins 	<p>Mixed exercises Record handling with pictures and tablets.</p> <p>Tracing of coins and related workbook pages.</p>	<p>Oral and board work on data handling.</p>

Fliplearn modules to be shown on various topics.

