

SUBJECT – MATHEMATICS

Prescribed Book – Together with Mathematics (Rachna Sagar)

April & May	<p><u>1.Pre-number Concepts</u></p> <ul style="list-style-type: none">• Inside and Outside (Pg – 5,6)• Top and Bottom (Pg- 7)• Above and Below (Pg- 8)• On and Under (Pg-9)• Near and Far (Pg- 10) <p>WORKSHEET [Pg – 14]</p> <p><u>ART INTEGRATION:</u> Instruct students to collect picture of pairs of objects and make a collage with the respective labels. (THICK ,THIN ; TOP , BOTTOM; ON, UNDER ; BIG,SMALL;TALL, SHORT ; LIGHT , HEAVY) – Handbook</p> <p><u>2. Numbers upto 200 Counting</u> [Pg – 15,16,19,20,22,24 , 49,64 , 65, 66,79] <i>MATH IN ACTION:</i> Pg no.- 50</p> <p><u>3.Backward counting (100-1)</u></p> <p><u>4.What comes before,after and between upto 100</u> [Pg – 12,13,25] <i>MATH IN ACTION</i> – Pg no.11</p> <p><u>5.Comparison of numbers (Put the sign <, > or =) upto 100</u> [Pg – 26,27,56]</p> <p><u>6.Number Names (1-20)</u> [Pg – 17,18,21,23]</p> <p><u>7.Smallest and Greatest number</u> [Pg – 66]</p> <p><u>8.Ascending and Descending order upto 100</u> [Pg -28,57,58,67]</p> <p><u>9.Skip Count & Table of 2 and 3</u> (Pg – 76)</p>
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June	<u>1.Project-</u>
July	<p><u>1.Counting</u> (201 -500)</p> <p><u>2.Ordinal Numbers</u> [Pg – 29,30,31,32]</p> <p><u>EXPERIENTIAL LEARNING ACTIVITY-</u></p> <p><u>3.Addition on number line</u> [Pg – 35]</p> <p><u>EXPERIENTIAL LEARNING ACTIVITY –</u></p> <p><u>4.Addition sums including vertical addition of 3 numbers</u> [Pg-33,34,38,39,61,83,84,85) <i>MATH IN ACTION</i>: Pg no.- 82</p> <p><u>5.Problem sums</u> [Pg-86,87]</p> <p><u>6.Addition facts</u> [Pg- 36 and 37]</p> <p><u>7.Introduction of Place value</u> [Pg- 69,70,71] <i>MATH IN ACTION</i> – Pg no. 68</p> <p><u>8.Abacus</u> [Pg – 74,75]</p> <p><u>9.Expanded form</u> [Pg – 73]</p> <p><u>10.Short form</u></p> <p><u>11.Number names (21 -50)</u> [Pg- 51, 52,53,54,55]</p> <p><u>1.Addition with carryover</u></p>
August	<p><u>2.Problem sums</u></p> <p><u>3.Shapes and Patterns</u> [Pg – 113 to 120] <u>ART INTEGRATION:</u> Make your own cube,cuboid,cone and cylinder using their nets. (Pg -115) <i>MATH IN ACTION</i>: Pg no. 117 (Solid shapes will be discussed in class but not asked in exams) Revision of all patterns</p>

September	<u>1.Number names (51-100)</u> [Pg – 63,64,65,72,80]
October	<u>2.Subtraction on number line</u> [Pg-44] <u>3.Simple Subtraction</u> [Pg-40, 41,42,43,45,47,48,59,61,62,81,89,90 91,96] MATH IN ACTION: Pg no.- 88 <u>EXPERIENTIAL LEARNING ACTIVITY –</u> <u>4.Subtraction facts</u> [Pg – 46] <u>5.Problem sums</u> [Pg-92,93,94,95,96] <u>1.Table & Skip count by 4’s and 5’s</u>
November	<u>2.Dodging tables</u> <u>3.Time (o’ clock and Half past)</u> [Pg- 121 to 124] Time will be explained through the clock. <u>EXPERIENTIAL LEARNING ACTIVITY : Children can make their own clock using Maths Kit.</u> [Pg- 128 (Q3)] <u>4.Measurement</u> [Pg-107 to 112] (Not for evaluation) <u>1.Days of the week</u> [Pg- 125,126]
December	<u>2.Months of the year</u> [Pg – 125,127,128] <u>3.Table & Skip count by 10’s</u> [Pg – 77] <u>4.Money</u> [Pg- 129 to 132] <u>EXPERIENTIAL LEARNING ACTIVITY: Real money (Notes and Coins) will be shown. Children will paste different notes and coins in notebooks (At back of book)</u> <u>ACTIVITY :</u>

	<u>5.Data Handling</u> [Pg – 133 to 136] (Not for evaluation) <u>6.Multiplication by repeated addition</u> [Pg -97 to 106] <i>MATH IN ACTION: Pg no. 97</i> (Not for evaluation) <u>PROJECT –</u>
January	Revision of all concepts
February	Revision of all concepts

	<p style="text-align: center;"><u>Syllabus for the Half yearly exam</u></p> <p><u>WRITTEN</u></p> <ul style="list-style-type: none"> • Counting (1-500) • Ascending & Descending order upto 100 • Before, After & Between upto 100 • Smallest & Biggest number upto 100 • Put the sign upto 100 • Number Names (1-50) • Missing numbers (1-100) • Skip counting of 2 and 3 • Addition facts • Addition on number line • Addition of single and double digit (with & without carryover) • Addition-Problem sums • Expanded form and Short form upto 500 • Place value <p><u>ORAL</u></p> <p>A) Table of 2 and 3 B) Shapes</p>
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	<p><u>ACTIVITY-</u> Related to Addition and Ordinal numbers</p> <p><u>PROJECT -</u></p> <p><u>MENTAL ABILITY</u></p> <ul style="list-style-type: none"> • Properties of shapes (CIRCLE , SQUARE , TRIANGLE , RECTANGLE) • Addition facts • Tables (2 & 3)
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	<p style="text-align: center;"><u>Syllabus for the Annual exam</u></p> <p><u>WRITTEN</u></p> <ul style="list-style-type: none"> • Counting (1-500) • Back counting(100-1) • Number names (1-100) • Ascending and Descending order upto 100 • Addition and Subtraction facts • Addition and Subtraction on number line • Addition and Subtraction sums • Addition and Subtraction – Problem sums • Time (O’ clock and Half past) • Days of the week • Money • Tables and skip counting of 2,3,4,5 and 10 <p><u>ORAL -</u> Months of the year</p> <p><u>MENTAL ABILITY</u></p> <ul style="list-style-type: none"> • Addition and Subtraction facts • Dodging tables (2,3,4,5 and 10) <p><u>ACTIVITY –</u></p> <p><u>PROJECT -</u></p>
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Distribution of the marks

PT – I AND PT – II

Written – 25 marks

Oral - 5 marks

HALF YEARLY AND ANNUAL EXAM

Maximum marks – 100 (Written – 60 marks + Oral – 40 marks)

ORAL – 40 Marks

Tables	- 5 marks
Project	– 5 marks
Activity+ Notebook	– 10 marks
Mental Ability	– 10 marks
Recognition and Concept	– 10 marks

WRITTEN – 60 Marks

Half yearly examination – Written : 60 Marks

<u>S.NO.</u>	<u>TOPIC</u>	<u>No. of parts</u>	<u>Marks per part</u>	<u>Total marks</u>
1.	Counting(1-500)	3	2.5	2.5+2.5+2.5=7.5
2.	Ascending & Descending order (1-100)	2	2	4
3.	Before , After and Between (1-100)	12	0.5	6
4.	Smallest and biggest number	2	1	2
5.	Put the sign (1-100)	5	0.5	2.5
6.	Number names (1-50)	10	1	10
7.	Missing numbers (1-100)	4	1	4
8.	Skip counting of 2 & 3	2	1	2
9.	Addition on number line	1	2	2
10.	Addition sums	4	1	4
11.	Problem sums	2	3	6
12.	Expanded form	2	2	4
13.	Short form	2	1	2
14.	Place value	4	1	4
TOTAL				60

Annual examination – Written : 60 Marks

<u>S.NO.</u>	<u>TOPIC</u>	<u>No. of parts</u>	<u>Marks per part</u>	<u>Total marks</u>
1.	Counting(1-500)	3	2.5	2.5+2.5+2.5=7.5
2.	Number Names (1-100)	10	1	10
3.	Addition and subtraction on number line	2	2	4
4.	Ascending and Descending order	2	2	4
5.	Addition sums with carryover	3	1	3
6.	Subtraction sums	3	1	3
7.	Addition and Subtraction problem sums	2	3	6
8.	Table and Skip counting of 2,3,4,5 & 10	6	1	6
9.	Time	2	1	2
10.	Days of the week	5	1	5
11.	Back counting (100-1)	3	2.5	2.5+2.5+2.5=7.5
12.	Money	4	0.5	2
	TOTAL			60