

CLASS –IV
MATHEMATICS

Examination	Chapter Numbers
PT-I	3,11
Half Yearly Exam	1,2,3,5,7,10,11,12
PT-II	8,9
Annual Exam	4,6,8,9,13,14

MONTH	CHAPTER NAME	LEARNING OUTCOMES	ASSESSMENT
APRIL	Ch-3 A trip to Bhopal	<p>applies operations of numbers in daily life creates and solves simple real life situations/problems including money, length, mass and capacity by using the four operations.</p>	<p>-PT-I & Half Yearly ACTIVITIES - Weekly test -Take any real life example of big numbers and then do addition and subtraction of that numbers. -Draw abacus of big number.</p>
MAY	<p>Ch-1 Building with Bricks</p> <p>Ch-11 Tables and Shares</p>	<p>-observes, identifies and extends geometrical patterns based on symmetry. draws cube/ cuboids using the give nnets identifies the pattern in multiplication and division (up to multiple of9). -multiplies2and3digit numbers dividesanumberbyanothernumberusingdiff erentmethods like identifies the pattern in multiplication and division (up to multiple of9). pictorially (by drawingdots) equalgrouping repeatedsubtraction by using inter-relationship between division andmultiplication</p>	<p>HalfYearly ACTIVITIES -Weekly tests -Make a closed shape with help of pentablocks. (Maths Lab)</p> <p>PT-I & Half Yearly ACTIVITIES - Weekly test -Division of a number by using interlocking cubes.(Maths Lab)</p>
JUNE	SUMMER VACATIONS		
JULY	Ch-2 Long and Short	<p>converts metre into centimetre andvice-versa. estimates the length of an object/distance</p>	<p>Half Yearly ACTIVITIES - Weekly test</p>

	<p>Ch-7 Jugs and Mugs</p> <p>Ch- 12 How heavy? How light?</p>	<p>between two locations and verifies them by actual measurement.</p> <p>estimates the volume of liquid, etc., and verifies them by actual measurement.</p> <p>estimates the weight of various objects and verifies them by actual measurement.</p> <p>solves problem involving daily life situations related to length, distance, weight and volume involving four basic arithmetic operations.</p>	<p>-Draw a scale on notebook and measure the length of pencil, eraser and sharpner.</p> <p>-List the things we use less than one litre at a time and list the things we use more than one litre at a time.</p> <p>-Make a balance by using hanger, thread and cardboard and compare the weight of different items which one is heavier.</p>
AUGUST	<p>Ch-5 The way the world looks.</p> <p>Ch-10 Play with Patterns.</p>	<p>draws top view, front view and side view of simple objects.</p> <p>acquires understanding about shapes around her/him</p> <p>-finds out shapes that can be used for tiling.</p>	<p>Half Yearly ACTIVITIES</p> <p>-Weekly test</p> <p>-The park behind Gappu's house. (Pg. No. 57 NCERT book)</p> <p>-Make patterns of numbers with addition. (Pg. No. 114 NCERT book)</p>
SEPT	HALF YEARLY EXAMS Ch. 1,2,3,5,7,10,11,12		
OCT	<p>Ch-8 Carts and Wheels.</p> <p>Ch-9 Halves and Quarters.</p>	<p>-identifies the centre, radius and diameter of the circle.</p> <p>-works with fractions</p> <p>identifies half, one-fourth, three-fourths in a</p>	<p>PT-II & Annual ACTIVITIES</p> <p>-Weekly test</p> <p>-Draw different designs by using circles of different sizes</p>

		<p>given picture(by paper folding) and also in a collection of objects.</p> <p>represents the fractions as half, one-fourth and three-fourths by using symbols respectively.</p> <p>shows the equivalence of and and other fractions.</p>	<p>-Represent different ways to make half and quarter of a rectangle using an origami sheet.</p>
NOV	<p>Ch-6 The Junk Seller.</p> <p>Ch-13 Fields and Fences.</p>	<p>- creates and solves simple real life situations/problems of money (billing sums)</p> <p>-explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit like the number of books that can completely fill the top of a table.</p>	<p>Annual ACTIVITIES</p> <p>-Weekly test</p> <p>-Activity of shopping by creating a dummy shop in the classroom by using dummy notes and coins.</p> <p>-Draw any object and write its dimensions. Find perimeter of that object.</p> <p>-Find the length of boundary of different shapes using threads.(Pg. No. 153 NCERT book)</p>
DEC	<p>Ch-4 Tick-Tick-Tick</p> <p>Ch-14 Smart Charts</p>	<p>-reads clock time in hour and minutes and expresses the time in a.m. and p.m.</p> <p>calculates time intervals/ duration of familiar daily life events by using forward or backward counting/ addition and subtraction.</p> <p>represents the collected information in tables and bar graphs and draws inferences from these.</p>	<p>Annual ACTIVITIES</p> <p>-Weekly test</p> <p>-Record the time of student's daily activities according to 12 hour clock and 24 hour clock.</p>

			-Collect and organize data of different advertisements in television during any one hour.
JANUARY		Revision	
FEB		Revision	
MARCH		Annual Exam	CH-4,6,8,9,13,14

