

**Baroda High School, ONGC**

Primary Section (Morning Shift)

Maths Syllabus 2026-27 - Std - V

Month	Working Days	Chapter no.	Chapter/ Topic	Learning Outcomes	No. of periods	TLM/ Activity
J u n e	19	1	National Fruit Mango (UT-I)	The learner will: * Read and write numbers till Lakh. * Compare numbers up to 6 digits by place value. * Round of given numbers up to 1000 and nearby. * Add subtract up to 6 -digit numbers. * Multiply 5-digit numbers by 3-digit numbers. * Divide 5-digit numbers by 2-digit numbers. * Solve practical puzzle based on multiplication and division.	15	Number sytem (AGK)
		2	Shapes and Angles	* Observe the angles around them and compare their measurement. Check if they are big small or equal. * Show the protractor as measuring instrument.	4	Triangle Cut-outs (AGK)
J u l y	27	2	Shapes and Angles (continued) (UT-I) Internal	The learner will: * Use protractor to draw angles. * Use protractor to measure angles. * Find out different shapes and measure angles in that shape. * Draw and understand different shapes using matchsticks (Activity).	4	
		3	How many squares? (UT-I)	* Finding the area and perimeter used in practice using graph paper (eg: palm, leaves, postal stamps, etc.) * Finding the area and perimeter of geometrical shapes using graph paper (eg: square, rectangle) * Compare area and perimeter of different shapes. * Knows the units of area and perimeter.	10 +3 days revision + 5 days UT-1	Square grid (AGK)
		4	Parts and Wholes	* Find out objects in your surroundings which can be divided into fractions, eg: pizza, sandwich, chappati, etc. * Count total number of parts and divide it into shaded and unshaded parts.	5	Fractions strips, Numicons
A u g u s t	23	4	Parts and Wholes (UT-II) (continued)	The learner will: * Compare fraction in different ways such as folding the paper shading the diagram etc. * Develop the concept of even fractions through various activities. * Solve fraction based practice puzzles.	(3 days UT-1) 5	Polypad
		5	Does it look the same? (UT-II) Internal	* Recognize shapes and patterns seen in pictures. * Identify symmetrical shapes and patterns in the surrounding. * Identify patterns found in numbers and words. * Understand rotation of different patterns, shapes and numbers (one-fourth, half turn & one-sixth turn). * Rotate the given shapes to one-fourth, one-half and one-sixth turn.	15	Polypad
S e p t e m b e r	24	6	Be my multiple, I'll be your factor(UT-II)	The learner will: * Recognize and understand multiples using meow game, skip count (multiples of 3,4,5,6, etc.) * Understand common multiples using dice game, calendar, roll numbers, etc. * Find out factors of given numbers using calendar. * Find out common factors of given numbers using calendars. * Draw and understand factor tree and find out common factors. * Solve puzzles related to factors and multiples. * Revision for Term-1	19 (5 days for revision)	Multilic-ation grid , Polypad

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O c t o b e r	24	7	Can you see the pattern? (UT-III)	The learner will: * Identify the patterns in your surroundings and draw them. Eg: saree border, skirt border, etc. * Turn different patterns one-fourth, one-half and three-fourth (tile patterns, floor patterns). * Draw and turn different alphabets to one-eighth/45°. * Understand magic squares and fill in the empty spaces in magic squares. * Draw magic hexagons using numbers. * Use calendar and find out magic squares of 3 rows and 3 columns. * Understand number patterns and fill in the next pattern.	(9 days UT-2) 10	Polypad
		8	Mapping your way (UT-III)	* To understand and identify different directions in different contexts, (eg: sun rises in the East). * To understand, read and identify maps in your surroundings, (eg: society map, garden map, tourist guide map of different places). * Matching the actual map of Rajpath marg with its actual route. * Understand maps using scale (Trip to Red Fort). * Understand and interpret map of India. (Find out distance between two cities using the given scale). * Draw and understand classroom map, school map.	5	Polypad
N o v e m b e r	7	9	Boxes and Sketches	The learner will: * Identify, recognize different 2D and 3D shapes in your surroundings. * Draw and make 3D models of different shapes (use paper and make cone). * Identify shapes and 3D objects into different categories (matchbox / duster = cuboid, dice /Rubik's Cube = cube). * Draw net of different shapes (3D). * Understand deep drawings and floor map (house/school/classroom)	7	Polypad, AGK
D e c e m b e r	26	9	Boxes and Sketches (continued) (UT-III)	The learner will: * Count and write number of cubes in different 3D shapes * Identify top view, side view and front view of different 3D objects. * Draw top view, side view and front view of different 3D objects.	4	
		10	Tenths and Hundredths (UT-III)	* Understand one-tenth using a scale * Understand one-hundredth using a measuring tape * Understand different units like centimetre, millimetre, kilometre. * Measure length of different objects using scale, measuring tape (ladies finger, candle, etc.) * Understand conversion of centimetre to millimetre, metre to centimetre, and kilometre to metre. * Understand conversion of rupee to paise. * Convert fraction with denominator 10 and 100 into decimals. * Solve and understand story sums based on currency length temperature etc.	19 (3 days UT-3 revision)	Decimal Grid, Polypad
J a n u a r y	24	11	Area and its boundary (UT-IV)	The learner will: * Understand area and perimeter of different shapes using Formulas. * Find area and perimeter of different shapes (rectangle and square). * Activity based learning a. Find area and perimeter of your math textbook compose box etc. b. Find perimeter of given shapes using thread. c. Find area of objects using graph paper. * Solve different story sums using area and perimeter formulas.	(2 days revision + 7 days UT-3) 10	Square grid (AGK), Polypad
		12	Smart Charts	* Learn to collect and record data of pet animals at home. * Use tally marks to represent data. * Activity based learning: Find out number of vehicles in your * Introduction of chappati chart and recalling fraction to learn parts.	5	Polypad

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F e b r u a r y	24	12	Smart Charts (continued) (UT-IV)	The learner will: * Activity based learning: Collect data and prepare chappati chart on basis of recorded data (students who like to play football, cricket, badminton, etc.) * Understand and analyze the bar chart and answer the questions based on given data. * Understand family tree and answer the questions from given data.	7	
		13	Ways to multiply and Divide (UT-IV)	* Understand different methods of multiplication. * Understand box method and regular method to multiply numbers. * Multiply different numbers using both the methods. * Solve story sums using box method of multiplication and regular method of multiplication. * Understand different methods of division (long method and short method). * Divide different numbers using both the methods. * Solve story sums using long method of division and short method of division.	17	Multilic- ation grid
M a r c h	23	14	How Big? How Heavy? (UT-IV) Internal	The learner will: * Introduction /Identifying of weights and capacities. * Understand units of weights (gram or kilogram). * Understand units of capacities (millilitre or litre). * Convert kilogram to gram and litre to millilitre. * Add and subtract weights and capacities units. * Introduction/understand volume. * Understand and find volume of a given cube with given dimensions. * Understand and find volume of given cuboid with given dimensions. * Solve story sums and activity based learning from above topics.	13	Polypad, AGK
				* Revision for Term-2	10	