Class : V   Sub: Mathematics

Weekly Syllabus : Academic Session 2024-25

Course book: Math-Magic Book-5

Publisher: NCERT

Month	Week	Dates		Days	No of Periods	Chapter	Content	Activities
Apr-24	I	01-05		05	6	Ch-1(The Fish Tale)	Large numbers, lakhs and crores, (Word form of numbers, writing numbers in figures,comparing numbers, place value, biggest-smallest number formation, ascending-descending order of numbers)	Making different types of sea animals using geometrical shapes
	II	08-13*	**11- Eid-ul-Fitr 14-Ambedkar Jayanti**	04	5	Ch-1(The Fish Tale)	Concept of Speed using boats, Quick multiplication techniques	Fun math with Number cards (0-9) / Digit cards-formation of numbers(largest/smallest)
	III	15-19	**17-Ram Navami 21-Mahavir Jayanti**	04	5	Ch-1(The Fish Tale)	Money management, bill making, Handling money	
	IV	22-27*		06	6	Ch-2 (Shapes and angles)	Open and closed shapes, Types of angles, acute/obtuse angles, angles in alphabets, names etc.	Observation: Look for Acute and Obtuse angles in objects around us
	V	29-30		02	2	Ch-2(Shapes and angles)	use of protractor	Matchstick puzzles (to convert a given shape made with matchsticks into a different shape by moving few matchsticks)
May-24	I	01-03		03	3	Ch-2(Shapes and angles)	Angles in a clock (contd.), ½ and 1/3 of a right angle	Identification: Type of angle in a clock at any given time
	II	06-10		05	6	Ch-3 How many squares?	Perimeter & Area by counting squares, Area of irregular shapes by counting squares	Paw print area activity

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	III	13-17		06	6	Ch-3 How many squares?	Area of triangles, Tessellations	**Tessellation Art activity**
						***** SUMMER BREAK 20 MAY - 30 JUN 2024*****		
Jul-24	I	01-06*	**UT-1/ MT-1 Class I-V** 01- ONLY STAFF	05	6	Ch-4 Parts and Wholes	Fractional part of a whole (1/3, ¼, 1/6 etc.), Equivalent fractions	Activity using paper strips representing fractions 1/3, ¼, 1/6, 1/8
	II	08-12	**UT-1/ MT-1** **Class I-V**	05	6	Ch-4 Parts and Wholes	Equivalent fractions, parts of a strip, Completing the figure from a given part, Reading & making a bill,	
	III	15-19	**17-Moharram**	04	5	Ch-4 Parts and Wholes	- Reading & making a bill (contd.), calculating time, Tangram	Activity: 'Duration of time ' using children as the numbers of a clock
	IV	22-27*	**20 – Open House UKG-V**	05	6	Ch-5 Does it look the same?	Symmetrical & asymmetrical shapes, lines of symmetry, mirror images, ¼ and ½ turns,	Making cards using Inkblot art
	V	29-31		03	3	Ch-5 Does it look the same?	Turning shapes	Completing the given images along the line of symmetry
Aug-24	I	01-03*		03	3	Ch-5 Does it look the same? Ch-6 Be my Multiple, I'll be your Factor	Turning shapes (contd.) Multiples, common multiples	Group activity: Saying Bingo in place of multiple of a chosen number
	II	05-09		05	6	Ch-6 Be my Multiple, I'll be your Factor	Multiples, common multiples, LCM, Factors, common factors,	Colouring multiples of 2, 3, 4 and 5 in a grid of numbers from 1-50 and then finding their common multiples.
	III	12-16	**15-Independence Day**	04	5	Ch-6 Be my Multiple, I'll be your Factor	Factors, common factors(contd.), Factorization using Factor tree method, Application in real life	
	IV	19-23	**19-Raksha Bandhan**	04	5	Ch-6 Be my Multiple, I'll	Factorization using Factor tree method, Application in real life	Draw as many as possible factor trees of a

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						be your Factor		given number.
	V	26-31*	**26- Janmashtami**	05	6	Ch-7 Can you see the pattern?	Completing patterns, turning shapes at 45^0 and 90^0 in clockwise or anti-clockwise directions	Pattern making activity
Sep-24	I	01-06		05	05	REVISION		
	II	09-14*		06	03	HALF YEARLY TEST		<mark>Half yearly / PT2 Tests Class I-V</mark>
	III	16- 21*	**16- Milad-un-nabi**	05	03	HALF YEARLY TESTS		
	IV	23-27		05	6	Ch-8 (Mapping Your Way)	Reading a map, Matching the map and the photo, locating different roads in a given map, observing different types of angles formed by various roads in a map, Scales in a map, Marking the route	
	V	30		01	1	Ch-8 (Mapping Your Way)	Directions,	Enlarging or reducing a given picture in a square grid
Oct-24	I	01-05*	**02 Mahatma Gandhi Birthday**	04	5	Ch-8 (Mapping Your Way) Ch-9 (Boxes and Sketches)	Measuring distances between towns, Reading A school Map Net of a closed/open cuboid, 11 nets of a cube, net of some common soilds	Analysing a floor map Observing nets of box packaging used in regular objects
	II	07-09	**12 Dussehra**	02	2	Ch-9 (Boxes and Sketches)	Understanding Floor Maps, Deep drawings, Matchbox Play	Observing the shapes made by using matchboxes from different angles
						<mark>*** Autumn Break 09 Oct– 13 Oct 2024 ***</mark>		
	II	14-19*	**17- Valmiki Jayanti 20-Karwa Chauth**	05	6	**Ch-10 (Tenths and Hundredths)**	Concept of tenths, Finding length using a ruler, Using concept of Tenths & Hundredths in conversion from mm into cm.	Making different decimal numbers using paper strips representing 'tenths' and 'hundredths'

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	III	21-25		05	6	**Ch-10 (Tenths and Hundredths)**	Money (Calculating expenditure and Making a bill)	Making a Money Cone
	IV	28-31	**30-31- Diwali**	02	2	**Ch-10 (Tenths and Hundredths)**	Multiplication of decimals by 10, 100, Money from different countries,	<u>Decimal in my name:</u> Art integrated activity with grid of 100
Nov-24	I	01-02	**01- Diwali break 03- Bhai Dooj**	00	-			
	II	04-09*		06	6	**Ch-10 (Tenths and Hundredths)**	Measurement- Application in real life, Temperature	
	III	11-15	**15-Guru Nanak's Birthday**	04	5	**Ch-11 (Area and its Boundary)**	Area & Perimeter of a square/ rectangle, Comparing the area of things by using different objects like stamps etc.	'Whose belt is the longest' paper strip cutting and pasting activity
	IV	18-22	**Milk day UKG-2**	05	6	**Ch-11 (Area and its Boundary)**	Application in real life, Finding area of a square using perimeter, Comparison of sq m and sq km,	'Passing through a postcard'
	V	25-30*	**UT3 / MT-2 Class I-V**	06	6	**(Ch-11(Area and its Boundary)**	Calculating each side and perimeter of a square when area is given,	Making Area Tower
Dec-24	I	01-07*	**07-Sports day tentative**	06	6	**Ch-11(Area and its Boundary)**	Calculating perimeter of irregular shapes using a thread, Relationship between Area & Perimeter	Thread activity to measure perimeter
	II	09-13	**UT3 / MT-2 Class I-V**	05	5	**Ch-11(Area and its Boundary)** **Ch-12(Smart Charts)**	Relationship between Area & Perimeter Tally Marks –method, types, drawing and reading, Understanding pie charts (Circle graph)	Activity: Using tally marks to count favourite vegetable/ colour/ holiday destination etc
	III	16-21*	**PTM classes UKG-V**	05	6	**Ch-12(Smart Charts)**	Bar charts, Family tree, Growth chart of a plant (Line graph)	
	IV	23-28*	**24 -Christmas Eve 25 – Christmas**	01	6	**Ch-12(Smart Charts)**	Line Graph (contd.)	
						* * * Winter Break from 24 Dec 2024 to 05 Jan 2025 * * *		

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	I	06-10		05	6	Ch-13 (Ways to Multiply and Divide)	Different ways to multiply	Recording the temperature of any three cities on a particular day using a bar chart.
Jan-25	II	13-18*		06	6	Ch-13 (Ways to Multiply and Divide)	Application in real life, Fun with multiplication	Counting the number of heart beats in a minute and then calculate in a week.
	III	20-25*		06	6	Ch-13 (Ways to Multiply and Divide)	Division and its application, Relationship between multiplication & division	Activity: Number Crossword
	IV	27-31	**26-Republic Day**	05	6	Ch-13 (Ways to Multiply and Divide) Ch-14(How Big? How Heavy?)	Application in real life Estimating the Volume	 Activity: Making a paper cube without glue
Feb-25	I	01		01	-			
	II	03-07		05	6	Ch-14(How Big? How Heavy?)	Calculating volume using formula	Water displacement activity using several irregular objects
	III	10-14		05	6	Ch-14(How Big? How Heavy?)	Which pipe fills more? How Heavy am I?	-Matchbox activity -Making 4 different types of pipes to measure volume
	IV	17-21		05			Revision	
	V	24-28	**26-Maha shivratri**	04			FINAL TESTS ==Class I-V==	
Mar.25	I	01/*		01				
	II	03-07		05			FINAL TESTS ==Class I-V==	
	III	10-12	14-15 Holi	03			FINAL TESTS ==Class I-V==	
		26- Open House UKG-V						