

O. P. JINDAL SCHOOL, SAVITRINAGAR, TAMNAR

Annual Syllabus Break-up for the session 2023-2024

Subject: - MATHEMATICS

Class: - IV

Sl.	Month	No. of Instructional days	No. of periods	Chapters to be taught	Subject enrichment activities	Values to be imparted/ Learning Outcome	Extra content to be taught
1	April	21	24	1. Place Value	* Formation of numbers by abacus and paper strips.	*Anything that can be quantified can be improved.	Mental Maths
				2. Addition and Subtraction	* Add and subtract with the help of abacus.	* Addition will help to understand the relationship between the numbers and quantities relate to each other. *Subtraction is used in our day-to-day life. For example, if we want to know how much money we spent on the items that we bought, or, how much money is left with us, or, if we want to calculate the time left in finishing a task, we use subtraction.	Mental Maths
2	June	11	13	2. Addition and Subtraction (Continued)	* Add and subtract with the help of abacus.	* Addition will help to understand the relationship between the numbers and quantities relate to each other. Subtraction is used in our day-to-day life. For example, if we want to know how much money we spent on the items that we bought, or, how much money is left with us, or, if we want to calculate the time left in finishing a task, we use subtraction.	Mental Maths

3	July	23	27	3.Multiplication	*A game to practice double by a ball.	*Recalling times tables improves memory skills, which is a transferrable skill that will help children throughout school and into adult life.	Mental Maths Practice Tables with a different method.
				4. Division	* A game to recall division facts.	*Learning division is an essential step as students prepare for more advanced math concepts.	Mental Maths
4	August	23	27	4.Division (Continued)	* A game to recall division facts.	*Learning division is an essential step as students prepare for more advanced math concepts.	Mental Maths
				5. Multiples and Factors with HCF & LCM	* Practice LCM with Ding Dong game. HCF with coloured paper.	* Multiples & Factors are also commonly used in our everyday lives. We use factors when we want to arrange things in different ways. For example, arranging books in rows & columns, making groups of children in different ways etc.	Mental Maths
				9. Symmetry and Patterns	* Check the symmetry by mirror and make patterns and symmetrical shapes by paper cutting.	* It will develop a sense of balance, order, and harmony.	
5	September	12	Revision& Term1(Half Yearly)				

6	October	20	23	6. Fractions	* Fraction by paper strips.	*A fraction is used for the representation of equal parts of a whole body. While performing our daily activities, we use fractions. unknowingly in several ways.	Mental Maths
				7. Decimals	* Decimals with the help of abacus.	*We use decimals every day while dealing with money, weight, length etc. Decimal numbers are used in situations where more precision is required than the whole numbers can provide. For example, when we calculate our weight on the weighing machine, we do not always find the weight equal to a whole number on the scale.	Mental Maths
7	November	13	15	7. Decimals (Continued)	* Decimals with the help of abacus.	*We use decimals every day while dealing with money, weight, length etc. Decimal numbers are used in situations where more precision is required than the whole numbers can provide. For example, when we calculate our weight on the weighing machine, we do not always find the weight equal to a whole number on the scale.	Mental Maths

				13. Money and Unitary Method	*Use of dummy currency.	*Once children understand the importance of money they can make wise decisions relating to money matters in their prospective life. Therefore, it is very critical to make children understand the importance of money at the right time.	
8	December	19	22	8. Geometry	* Use of geometry box, Shapes by paper cutting.	*Geometry provides many foundational skills and helps to build the thinking skills of logic, deductive reasoning, analytical reasoning, and problem-solving.	Mental Maths
				10.Measurement	*Check the length by measuring tape and estimate the mass of different objects.	* Practicing measurement in early age also nurtures critical thinking and problem-solving skills.	Mental Maths

9	January	22	26	11. Perimeter and Area	* Area with the squared sheet of paper.	*In everyday life area and perimeter are used constantly for example, for describing the size of a house by talking about its floor area, or for working out how much wire is needed to fence off a field. In the real world, calculating the perimeter helps you determine whether a place has enough space for specific activities. These could include playing games and running around the area without bumping into another person or object.
				12. Time	*Find out the time by dummy clock.	*They learn how long it takes for them to complete tasks, and how much time they have for fun stuff. This becomes more and more important as they enter adulthood. They will know when to schedule pit stops in life to rest, relax, and serve their purpose.
				14. Data Handling	* To create a bar graph.	*Data handling allows children to make sense of information, to identify patterns and trends and to predict and plan for the future.
10	February & March	15	Revision & Term2 (Annual Exam)			

SYLLABUS FOR EXAMINATION

S.NO	EXAMINATION	SYLLABUS FOR EXAMINATION
1	Test-1	Ch- 1,2
2	Term-1(Half Yearly Exam)	Ch- 1,2, 3, 4, 5, 9
3	Test-2	Ch- 6,7
4	Term-2(Annual Exam)	Ch- 6,7,8,10, 11, 12, 13,14