Term-I Syllabus for session 2022-23

Class : 5

Subject-Maths (Level1)

Sr. No	Lesson No	Name of lesson	Learning Outcomes	Mapping with previous classes		Suggested Activities/Worksheets
				Class 3	Class 4	
1	2	Shapes and angles	1. Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing. 2. Identifies 2D shapes from the immediate environment that have rotation and reflection symmetry like alphabet and shapes. 3. Makes cube, cylinder and cone using nets designed for this purpose.	Lesson 5 Shapes and designs		Making and measuring different angles by folding paper. Making different geometric shapes with the help of matchsticks and measuring their angles. Ws . 16 to 18, 51 to 56
2	4	Parts and whole	1. Finds the number corresponding to part of a collection. 2. Identifies and forms equivalent fractions of a given fraction.		Chapter 9 Quarters and Halves	Showing whole part and fractional part by using paper folding. Playing games like cake cutting with cutouts of fractions. WS- 44 to 48, 66 to 73, 90 to 93, 110 to 115, 146

The above mentioned syllabus should be completed by 30 September 2022

Mapping of Session 2022-23

कक्षा : पाँचवी

विषय : गणित

क्रम संख्या	अध्याय संख्या और नाम		पिछली कक्षाओं से पाठ्यक्रम का मिलान			
	Class 5		Class 3		Class 4	
1	अध्याय 2. कोण और आकृतियाँ	Shapes and Angles	अध्याय 5- आकृतियों का कमाल	Shapes and designs		
2	अध्याय 4. हिस्से और पूरे	Parts and Whole			अध्याय -9 आधा और चौथाई	Quarters and halves
3	अध्याय 6. मैं तेरा गुणनखंड, गुणज तू मेरा	Be my multiple, I will be your factor	अध्याय LCM और HCF की ओर बढ़ रहा है। सुनिश्चित करें कि छात्र गुणा और भाग जैसे कार्यों के साथ सहज हैं। कक्षा 4, अध्याय 11- 'पहाड़े और बँटवारे'			Tables and shares
4	अध्याय 7. क्या तुम पैटर्न देख सकते हो?	Can you see the pattern?	अध्याय 10- पैटर्न की पहचान	Play with patterns	अध्याय 10- पैटर्न	Patterns
5	अध्याय 11. क्षेत्रफल और घेरा	Area and Perimeter	अध्याय 3- क्या लंबा और छोटा	Long and Short	अध्याय 13- खेत और बाड़	Fields and fences
6	अध्याय 13. गुणा और भाग करने के तरीके	Ways to multiply and divide	अध्याय 9 बोलो भाई कितने गुणा?	How many times?	अध्याय 6- कबाड़ीवाला अध्याय-11 पहाड़े और बँटवारे	Lesson 6 - The Junkseller Lesson 11 - Tables and shares
7	अध्याय 14. कितना बड़ा? कितना भारी?	How big? How heavy?	अध्याय 8 -कौन किससे भारी कितना हल्का ?	Who is heavier?	अध्याय 12 -कितना भारी कितना हल्का ?	How Heavy? How Light?

Syllabus for session 2022-23

Class : 5

Subject-Maths (Level2)

Sr. No	Lesson No	Name of lesson	Learning Outcomes	Mapping with previous classes		Suggested Activities/Worksheets
				Class 3	Class 4	
1	2	Shapes and angles	1. Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing. 2. Identifies 2D shapes from the immediate environment that have rotation and reflection symmetry like alphabet and shapes. 3. Makes cube, cylinder and cone using nets designed for this purpose.	Lesson 5 Shapes and designs		Making and measuring different angles by folding paper. Making different geometric shapes with the help of matchsticks and measuring their angles. Ws . 16 to 18, 51 to 56
2	4	Parts and whole	1. Finds the number corresponding to part of a collection. 2. Identifies and forms equivalent fractions of a given fraction.		Chapter 9 Quarters and Halves	Showing whole part and fractional part by using paper folding. Playing games like cake cutting with cutouts of fractions. WS- 44 to 48, 66 to 73, 90 to 93, 110 to 115, 146

3	6	Be my multiple, I will be your factor	1. performs four basic arithmetic operations on numbers beyond 1000 by understanding of place value of numbers. 2. Estimates Sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation. (For example, to divide 9450 by 25, divide 9000 by 25, 400 by 25, and finally 50 by 25 and gets the answer by adding all these quotients)	Lessons are moving towards LCM & HCF. Make sure that children are comfortable with Multiplication and division. Class 4 Lesson-11 Tables and shares	Classifying the objects as per their shapes WS-3,4,9,10,38,39,57,58, 60, 61, 85,87, 89, 105, 106, 116, 128, 140, 141, 147
			The above mentioned syllabus should be completed by 30 September 2022		

4	7	Can you see the pattern?	1. Identifies the pattern in triangular number and square number. 2. Identifies 2D shapes from the immediate environment that have rotation and reflection symmetry like alphabet and shapes.	Lesson 10 Play with patterns	Lesson-10 Patterns	Find out the pattern in the given series. Finding out different pattern series. WS- 63, 64, 78, 79, 80, 81, 101, 104
5	11	Area and its boundary	1. Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa.	Lesson 3- Long and Short	Lesson 13- Fields and fences	Finding out Perimeter with the help of a thread.Measuring the length and breadth of objects around you and finding area and perimeter of them. Finding out perimeter of classroom, garden, playground etc.l WS- 11, 12, 31, 32, 33, 34 35, 76, 77, 82, 83, 84, 131, 132, 133, 134, 135, 136, 148

6	13	Ways to multiply and divide	1. performs four basic arithmetic operations on numbers beyond 1000 by understanding of place value of numbers. 2. estimates Sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation. (For example, to divide 9450 by 25, divide 9000 by 25, 400 by 25, and finally 50 by 25 and gets the answer by adding all these quotients) 3. Divides a given number by another number using standard algorithms.	Lesson 9 How many times	Lesson 6 The Junk Seller Lesson 11 Tables and shares	बPractice of verbal counting by mock shopping. Giving situation to children for formation of questions on Multiplication and division. WS-3,4,9,10,38,39,57,58, 60, 61, 85,87, 89, 105, 106, 116, 128, 140, 141, 147
7	14	How Big? How Heavy?	1. Relates different commonly used larger and smaller units oflength, weight and volume and converts larger units to smaller units and vice versa. 2. Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals.	Lesson 8 Who is heavier	How heavy? How light?	Measuring the Volume of a Match box. Making a list of grocery used in house and measuring their weight. ws 119, 121, 127,

The above mentioned syllabus should be completed by 31 January 2023