DAV CENTENARY PUBLIC SCHOOL , PASCHIM ENCLAVE NEW DELHI-87

ACADEMIC PLAN (15-16)

CLASS: - II SUBJECT:-MATHEMATICS SESSION:-

Assessment/ Month	No. of days	CONTENT Topics & Subtopics	Learning Outcome/Objective	HW	Activities	Life Skills	Attitudes/ Values
April	19	**UNIT-1** Numbers till 100 ➢ Missing Numbers ➢ Place Values ➢ Number names ➢ Before, after & Between ➢ < , > & = ➢ Ascending/ Descending order ➢ Ordinal number ➢ Concept of hundred Mental Maths Worksheet – Place value(2 Digit)	❖ The learner will be able to • Know the sequence of numbers from 0 to 99. • Understanding the place value • Apply/Use number 0 to 99 in different ways (<, >, = , ascending descending order)	4	➢ Worksheet related to numbers 0 to 99(based on number names , ascending , descending order and smallest greatest concept) ➢ Making numbers out of place value cards ➢ Race of children to introduce ordinal numbers	Self Awareness Decision making	
April	20	**UNIT-2** Numbers upto 999 ➢ Introduction ➢ Number 100 to 900 ➢ Number Names Mental Maths Worksheet- Number and their names	❖ The learner will be able to • Know the sequence of numbers up to 999 • Distinguish between 2-digit and 3-digit numbers	3	Crossword Puzzle (fun with numbers) (based on the concept of expanded form • Making Abacus using beads/tooth picks	Self Awareness Decision making	

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May	10	**UNIT-2 (Continued)** ➢ Missing Number ➢ Before , after, Between ➢ < , > & = ➢ Ascending/ Descending order ➢ Brain teasers Mental Maths Worksheet-Order of Numbers	❖ The learner will be able to • Understand the place value of 3-digit numbers • Read and write number names from 1 to 999	4	Making cards (weight of your family members and arranging them in descending and ascending order)	Self Awareness Decision making	
July	21	**UNIT-3** ADDITION ➢ Changing ones into tens ➢ Changing tens into hundred ➢ More on addition ➢ Word problem Mental Maths Adding 10 and 100	❖ The learner will be able to • Add 2,3 digit numbers with and without carrying • Comprehend the statement problem and solve it	4	Oral addition using Flash cards • addition on abacus • addition Tower	Self Awareness Decision making Problem solving	

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July		**UNIT-6** SHAPES ➢ Shapes 2D ➢ Shapes 3D ➢ Faces, edges, Vertices, closed, open Mental Maths Guessing the shape	❖ The learner will be able to • Draw plane shapes with the help of ruler and pencil • Identify sides and corners • Distinguish between different types of solids	2	➢ Identifying different 3-D shapes in the surrounding ➢ To draw or paste examples of objects of 3-d shapes(cube, cone & sphere) and draw and name their faces	Self Awareness Creative Thinking	
August	21	**UNIT-3** SUBTRACTION ➢ Changing tens into ones ➢ Word Problem ➢ Subtract 3-digit ➢ Changing tens and hundreds Mental Maths Using digits	The learner will be able to • Subtract 2,3 digit number with or without borrowing • Subtract 2 numbers mentally • Comprehend the statement problem and solve it	6	➢Combined Worksheet of addition and subtraction ➢ Subtraction on Abacus ➢ Subtraction using dice	Self Awareness Decision making Problem solving	
September	7	**UNIT-7** ODD AND EVEN ➢ Mental Maths ➢ Page No-20 Mental Maths Fun with odd and even numbers	The learner will be able to ❖ Understand the concept of Odd and Even number ❖ Apply the knowledge in real life	1	➢ Bindi pasting to introduce odd and even numbers. ➢ Work sheet based on Odd and Even Numbers (Identify as given numbers as odd or even & form 3 digit and even numbers by using given digits)	Self Awareness	

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October	15	**UNIT-5** MONEY ➢ Coins and Currency notes ➢ Adding Rupees ➢ Exchanging 100 Rupee note ➢ Addition/Subtraction of Rupees & Paise ➢ Word Problem Mental Maths In the toy shop	The learner will be able to • Understand the importance of money • Apply his/her knowledge of money in real life situations	4	Paste or draw coins and note of Indian currency Paste currency of different countries) • Paste the wrappers of different things and write their price		
November	16	**UNIT-8** MULTIPLICATION ➢ Repeated Addition ➢ Multiplication on number line ➢ Multiplication tables (2 to 10) ➢ Multiplication by zero ➢ Word problem ➢ Multiplication 2 digit by 1-digit Mental Maths Multiplication facts	The learner will be able to • Understand Multiplication as a repeated addition • Knowledge of multiplication pattern from 2 to 10 • Understand commutative property of multiplication	8	Concept of repeated addition through activity using buttons & glaze papers Classroom Quiz • Multiplication Squares	Self Awareness Decision making Problem solving	

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December	19	**UNIT-9** TIME ➢ What is the time? ➢ Hours in a day ➢ Days of the week ➢ Months in a year ➢ Brain teasers Mental Maths Reading a clock	The learner will be able to • Read the time from a Clock in half hour and in an one hour • Know days and Months • Read the calendar correctly • Identify the hour hand and Minute hand • Identify the position of the hour and minute hands of clock corresponding to a time	2	• Making clock using thermocol and showing the given time. • Making calendar of the on going month.	Self Awareness Decision making Effective Communication	
December		**UNIT-13** FRACTION ➢ Equal & Unequal parts ➢ Cutting into half and Quarters Mental Maths Equal and Unequal	The learner will be able to ➢ Recognize Equal & Unequal parts of whole ➢ Recognize half and one fourth of a whole ➢ Divide given plane figure into 2 or 4 equal parts to indicate half and ¼th of the figure ➢ Express the shaded portion of a plane figure in terms of half and one fourth	1	➢ Concept of ¼ and ½with the help of paper folding ➢ Worksheet (Shade half or one fourth of a plane figure and express the shaded portions of a figure in terms of half and one fourth)	Self Awareness Decision making Problem solving	

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January	12	**UNIT-10** WEIGHT ➢ Non standard unit of weight ➢ Introducing Kilogram and grams ➢ Adding and subtracting weights ➢ Word Problems Mental Maths Weight Balance	The learner will be able to • Recognize some standard units of weight 7 use them to solve simple problem of daily life	2	• Making bean balance to learn about light and heavy objects • Paste wrappers of things showing their weights	Self Awareness Decision making Effective Communication	
February	10	**UNIT-11** CAPACITY ➢ Non standard units of capacity ➢ Introducing litres and milliliters ➢ Adding and subtraction capacities ➢ Word problem Mental Maths Estimating Capacity	The learner will be able to ➢ Recognize one standard with measuring capacity and use them to solve simple problems of daily life ➢	2	• Pasting wrappers of different things showing their capacity • Pasting pictures of things measured by capacity.	Self Awareness Decision making Effective Communication	

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February	10	**UNIT-12** LENGTH ➢ Non standard units of length ➢ Introducing meter and Centimeter ➢ Draw lines in ;cm; using ruler ➢ Add and Subtract lengths ➢ Word problem Mental Maths How many centimeters?	The learner will be able to ➢ Recognize the units of length ➢ Draw line segment of given length with the help of ruler ➢ Solve simple problems of measurement of length by using standard units of measurements	2	➢ Paste pictures of objects which are sold by a shopkeeper by measuring length, weight and capacity ➢ Bring different measuring tools. ➢ Activity Find the length of a pencil, book, desk, window-etc with the help of a ruler	Self Awareness Decision making	

DAV CENTENARY PUBLIC SCHOOL, PASCHIM ENCLAVE, NEW DELHI-87

YEARLY PLANNER (SESSION 2015-16)

SYLLABUS AT A GLANCE

CLASS-II **SUBJECT: MATHEMATICS**

FORMATIVE ASSESSMENT	MONTH/S	CONTENT
I	APRIL – MAY	UNIT-1 NUMBER TILL 100 UNIT -2 NUMBERS UPTO 999
II	JULY-AUGUST	UNIT-3 ADDITION UNIT -6 SHAPES UNIT-4 SUBTRACTION
III	SEPTEMBER-DECEMBER	UNIT-7 ODD & EVEN UNIT-5 MONEY UNIT-8 MULTIPLICATION UNIT-9 TIME UNIT-13 FRACTION
IV	JANUARY- MARCH	UNIT-10 WEIGHT UNIT-11 CAPACITY UNIT-12 LENGTH