

Assessme nt/ Month	No. of days	<u>CONTENT</u> <u>Topics &amp; Subtopics</u>	<u>Learning</u> <u>Outcome/Objective</u>	<u>HW</u>	<u>Activities</u>	<u>Life Skills</u>	<u>Attitudes/ Values</u>
April	19	<b><u>UNIT-1</u></b> <u>Numbers up to 9999</u> ➤ Numbers upto 9999 ➤ Recapitulation of numbers and number name ➤ Introduction to thousand ➤ Relations between different places ➤ Greatest and smallest ➤ Place & place value of a digit ➤ Standard form ➤ Successor & Predecessor ➤ Ordering of numbers <u>Mental Maths</u> ➤ Integrated Worksheet (Place Value, Ascending, Descending)	❖ The learner is able to <ul style="list-style-type: none"> <li>Count numerals in thousands, hundreds, tens and ones</li> <li>Write the numerals and number names &amp; express in thousands, hundreds, tens and ones.</li> <li>State the place value of 4-digit numerals and write in expanded form</li> <li>Compare numerals using <math>&gt;</math>, <math>&lt;</math> or <math>=</math></li> <li>Understand the concept of successor &amp; Predecessor</li> </ul>	4	Worksheet based on number names and expanded form <ul style="list-style-type: none"> <li>Representing number using place value cards and abacus.</li> </ul>	Self Awareness  Decision making	Logical Thinking
May	10	<b><u>UNIT-2</u></b> <u>ADDITION</u> ➤ Fun with addition ➤ Simple addition ➤ Addition(with regrouping) ➤ Properties of addition ➤ Adding three numbers ➤ Word Problem	❖ The learner is able to <ul style="list-style-type: none"> <li>Add 2,3 or 4 digit numbers with and without carrying</li> <li>Understand the properties of addition</li> <li>Solve 1,2 steps daily life problems involving skills of addition</li> </ul>	3		Self Awareness  Decision making  Problem solving	

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July	21	<b><u>UNIT-3</u></b> <u>Subtraction</u> <ul style="list-style-type: none"> <li>➤ Fun with subtraction</li> <li>➤ Simple subtraction</li> <li>➤ Subtraction(with regrouping)</li> <li>➤ Properties of subtraction</li> <li>➤ Subtract &amp; check</li> <li>➤ Word Problem</li> </ul>	<ul style="list-style-type: none"> <li>❖ The learner is able to <ul style="list-style-type: none"> <li>• Subtract 2or 3 digit numbers with and without borrowing</li> <li>• Understand the properties of subtraction</li> <li>• Subtract mentally two numbers that are multiples of 10 or 100</li> <li>• Same 1 or 2 step daily life problems involving subtraction</li> </ul> </li> </ul>	3	Combined Worksheet of addition and Subtraction <ul style="list-style-type: none"> <li>• Addition ,Subtraction Puzzle</li> <li>• Dice game</li> </ul>	Self Awareness Decision making Problem solving	
July		<b><u>UNIT-12</u></b> <u>GEOMETRY</u> <ul style="list-style-type: none"> <li>➤ Introduction to shapes</li> <li>➤ Fun with shapes</li> <li>➤ Basic Geometry(point, line, line segment, ray)</li> <li>➤ Constructing line segment of given length</li> </ul>	<ul style="list-style-type: none"> <li>❖ The learner is able to <ul style="list-style-type: none"> <li>• Strength the concept of 3dimensional figures. i.e cube, cuboid ,cylinder, sphere &amp; cone</li> <li>• Identify and define a point, a line, segment &amp;ray with examples</li> <li>• Draw &amp; measure different types of line segment</li> </ul> </li> </ul>	2	Draw objects of plane and curved shapes <u>Draw examples &amp; 3d shapes</u> and write their edges faces and vertices <ul style="list-style-type: none"> <li>• Trace the faces of 3-D shapes and write their properties</li> <li>• Top view of a 3D shape</li> </ul>	Creative thinking	

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August	21	<b><u>UNIT-4</u></b> <b><u>MULTIPLICATION</u></b> <ul style="list-style-type: none"> <li>➤ Fun with multiplication</li> <li>➤ Multiplication (3 digit by 1 digit)</li> <li>➤ Multiplication(with regrouping)</li> <li>➤ Multiplication by 10,100,1000</li> <li>➤ Multiplication by (2 digit number by 2 digit)</li> <li>➤ Multiplication by (3 digits numbers by 2 digit)</li> <li>➤ Word Problem</li> <li>➤ Magic Squares</li> </ul>	<ul style="list-style-type: none"> <li>❖ The learner is able to <ul style="list-style-type: none"> <li>• Multiply 2 or 3 digit numbers with single or two digit number with or without carrying</li> <li>• Multiply a 2 digit number by 10,100,1000</li> <li>• Solve daily life problems of multiplication</li> </ul> </li> </ul>	5	<ul style="list-style-type: none"> <li>➤ House Game</li> <li>➤ Application based Assignment</li> <li>➤ Making number stories using the given multiplication fact</li> </ul>	<p>Effective communication</p> <p>Problem solving</p>	
September	7	<b>Revision</b>					

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October	15	<b>UNIT-11</b> <u>Fractions</u> <ul style="list-style-type: none"> <li>➤ Introduction to Fractions</li> <li>➤ Fraction of collection</li> <li>➤ Numerator and Denominator</li> <li>➤ Ordering of fractions</li> <li>➤ Like Fractions</li> <li>➤ Adding and subtracting</li> </ul>	<ul style="list-style-type: none"> <li>❖ The learner is able to <ul style="list-style-type: none"> <li>• Understand of fractions as part of whole into equal number of parts</li> <li>• Compare fractions</li> <li>• Arrange fractions in ascending and descending order</li> <li>• Add &amp; Subtract fractions</li> </ul> </li> </ul>	2	<p>Make Fraction wall</p> <p>Worksheet- Design fraction pizza</p> <ul style="list-style-type: none"> <li>• Fraction in the clock</li> </ul>	<p>Effective communication</p> <p>Problem solving</p>	
November	16	<b>UNIT-5</b> <u>DIVISION</u> <ul style="list-style-type: none"> <li>➤ Division as equal distribution</li> <li>➤ Division(repeated subtraction)</li> <li>➤ Relation between multiplication and division</li> <li>➤ Division using Multiplication tables</li> <li>➤ Long division method</li> <li>➤ Division of 3 digit numbers</li> <li>➤ Word Problems</li> </ul>	<ul style="list-style-type: none"> <li>❖ The learner is able to <ul style="list-style-type: none"> <li>• Understand the concept of Division as the process of <ul style="list-style-type: none"> <li>• Repeated Subtraction</li> <li>• Equal distribution</li> </ul> </li> <li>• Divide 2 digit &amp; 3 digit number by single digit number</li> <li>• Solve one step daily life problems</li> </ul> </li> </ul>	4	<ul style="list-style-type: none"> <li>➤ Using Ice cream sticks to show division as equal distribution</li> <li>➤ Worksheet- Based on Division as equal distribution</li> <li>➤ Puzzle Basic Operational puzzle (+, -, x, ÷)</li> </ul>	<p>Decision making</p> <p>Problem solving</p>	





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February	10	<b><u>UNIT-10</u></b> <b><u>CAPACITY</u></b> <ul style="list-style-type: none"> <li>➤ Fun with measurement of Capacity</li> <li>➤ Unit of capacity(l, ml)</li> <li>➤ Conversions (bigger to smaller units)</li> <li>➤ Addition &amp; subtraction</li> <li>➤ Word Problems</li> </ul>	<ul style="list-style-type: none"> <li>❖ The learner is able to           <ul style="list-style-type: none"> <li>• Name various units for measuring capacity</li> <li>• State the relationship between litre and Millilitre</li> <li>• Add and subtract measures of capacity</li> <li>• Solve 1 or 2 step daily life problems involving capacity</li> </ul> </li> </ul>	3	<ul style="list-style-type: none"> <li>➤ Pasting pictures of objects sold by shopkeeper by measuring Length, weight &amp; capacity and classify them in their proper units</li> </ul> <p>Combined Worksheets-</p> <ul style="list-style-type: none"> <li>➤ Length</li> <li>➤ Weight</li> <li>➤ Capacity</li> </ul>	Decision making  Self awareness  Effective communication	

**DAV CENTENARY PUBLIC SCHOOL, PASCHIM ENCLAVE, NEW DELHI-87**  
**YEARLY PLANNER (SESSION 2015-16)**  
**SYLLABUS AT A GLANCE**

**CLASS-III**

**SUBJECT: MATHEMATICS**

FORMATIVE ASSESSMENT	MONTH/S	CONTENT
I	APRIL – MAY	UNIT-1 NUMBER UP TO 9999 UNIT-2 ADDITION
II	JULY-AUGUST	UNIT-3 SUBTRACTION UNIT-12 GEOMETRY UNIT-4 MULTIPLICATION
III	SEPTEMBER-DECEMBER	UNIT-11 FRACTIONS UNIT-5 DIVISION UNIT-7 MONEY UNIT-6 DAY,DATE & TIME



IV	JANUARY- MARCH	UNIT-8 LENGTH UNIT-9 WEIGHT UNIT-10 CAPACITY
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