

Assessment/ Month	No. of days	<u>CONTENT Topics & Subtopics</u>	Learning Outcome/Objective	HW	<u>Activities</u>	Life Skills	Attitudes/ Values
April	18	<p><u>UNIT-1</u> <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)</p>	<p>❖ The learner is able to</p> <ul style="list-style-type: none"> Count numerals in thousands, hundreds, tens and ones Write the numerals and number names & express in thousands, hundreds, tens and ones. State the place value of 4-digit numerals and write in expanded form Compare numerals using $>$, $<$ or $=$ Understand the concept of successor & Predecessor 	4	<ul style="list-style-type: none"> Worksheet based on number names and expanded form Representing number using place value cards and abacus. 	<p>Self Awareness</p> <p>Decision making</p>	Logical Thinking
May	15	<p><u>UNIT-2</u> <u>ADDITION</u> ➤ Fun with addition ➤ Simple addition ➤ Addition(with regrouping) ➤ Properties of addition ➤ Adding three numbers ➤ Word Problem <u>Mental Maths</u> Addition of 3-digit numbers (using different shapes)</p>	<p>❖ The learner is able to</p> <ul style="list-style-type: none"> Add 2,3 or 4 digit numbers with and without carrying Understand the properties of addition Solve 1,2 steps daily life problems involving skills of addition 	3	<ul style="list-style-type: none"> Post man and the letter (worksheet) 	<p>Self Awareness</p> <p>Decision making</p> <p>Problem solving</p>	

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July	19	<u>UNIT-3</u> <u>Subtraction</u> <ul style="list-style-type: none"> ➤ Fun with subtraction ➤ Simple subtraction ➤ Subtraction(with regrouping) ➤ Properties of subtraction ➤ Subtract & check ➤ Word Problem <u>Mental Maths</u> Complete the Subtraction table	❖ The learner is able to <ul style="list-style-type: none"> • Subtract 2or 3 digit numbers with and without borrowing • Understand the properties of subtraction • Subtract mentally two numbers that are multiples of 10 or 100 • Same 1 or 2 step daily life problems involving subtraction 	3	Combined Worksheet of addition and Subtraction <ul style="list-style-type: none"> • Addition ,Subtraction Puzzle 	Self Awareness Decision making Problem solving	
July	19	<u>UNIT-12</u> <u>GEOMETRY</u> <ul style="list-style-type: none"> ➤ Introduction to shapes ➤ Fun with shapes ➤ Basic Geometry(point, line, line segment, ray) ➤ Constructing line segment of given length <u>Mental Maths</u> Edges, vertices and facts	❖ The learner is able to <ul style="list-style-type: none"> • Strength the concept of 3dimensional figures. i.e cube, cuboid ,cylinder, sphere & cone • Identify and define a point, a line, segment &ray with examples • Draw & measure different types of line segment 	2	Draw objects of plane and curved shapes <u>Draw examples & 3d shapes</u> and write their edges faces and vertices <ul style="list-style-type: none"> • Trace the faces of 3-D shapes and write their properties 	Creative thinking	

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August	20	<u>UNIT-4</u> <u>MULTIPLICATION</u> <ul style="list-style-type: none"> ➤ Fun with multiplication ➤ Multiplication (3 digit by 1 digit) ➤ Multiplication (with regrouping) ➤ Multiplication by 10,100,1000 ➤ Multiplication by (2 digit number by 2 digit) ➤ Multiplication by (3 digits numbers by 2 digit) ➤ Word Problem ➤ Magic Squares 	<ul style="list-style-type: none"> ❖ The learner is able to <ul style="list-style-type: none"> • Multiply 2 or 3 digit numbers with single or two digit number with or without carrying • Multiply a 2 digit number by 10,100,1000 • Solve daily life problems of multiplication 	5	<ul style="list-style-type: none"> ➤ Application based Assignment ➤ Making number stories using the given multiplication fact 	<p>Effective communication</p> <p>Problem solving</p>	
September	14	Revision					

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October	15	<u>UNIT-11</u> <u>Fractions</u> <ul style="list-style-type: none"> ➤ Introduction to Fractions ➤ Fraction of collection ➤ Numerator and Denominator ➤ Ordering of fractions ➤ Like Fractions ➤ Adding and subtracting <u>Mental Maths</u> Fraction Farm House	<ul style="list-style-type: none"> ❖ The learner is able to <ul style="list-style-type: none"> • Understand of fractions as part of whole into equal number of parts • Compare fractions • Arrange fractions in ascending and descending order • Add & Subtract fractions 	2	Worksheet- Design fraction pizza <ul style="list-style-type: none"> • Fraction in the clock 	Effective communication Problem solving	
November	20	<u>UNIT-5</u> <u>DIVISION</u> <ul style="list-style-type: none"> ➤ Division as equal distribution ➤ Division(repeated subtraction) ➤ Relation between multiplication and division ➤ Division using Multiplication tables ➤ Long division method ➤ Division of 3 digit numbers ➤ Word Problems <u>Mental Maths</u> Division of three digit numbers	<ul style="list-style-type: none"> ❖ The learner is able to <ul style="list-style-type: none"> • Understand the concept of Division as the process of <ul style="list-style-type: none"> • Repeated Subtraction • Equal distribution • Divide 2 digit & 3 digit number by single digit number • Solve one step daily life problems 	4	<ul style="list-style-type: none"> ➤ Using Ice cream sticks to show division as equal distribution ➤ Worksheet- Based on Division as equal distribution ➤ Puzzle Basic Operational puzzle (+, -, x, ÷) 	Decision making Problem solving	

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December	20	<u>UNIT-7</u> <u>MONEY</u> <ul style="list-style-type: none"> ➤ Fun with coins and currencies ➤ Amount of money in words and figures ➤ Conversions rupees and paise into paise and vice versa ➤ Cash Memo ➤ Word Problems <u>Mental Maths</u> Birthday party	<ul style="list-style-type: none"> ❖ The learner is able to <ul style="list-style-type: none"> • Understand the importance of currency • Able to understand the money in figures and words • Prepare cash memo • Solve simple money problems 	4	Prepare cash memo <ul style="list-style-type: none"> • collect the different bills and paste them • Using fake currency 	Effective communication Self awareness	
		<u>UNIT-6</u> <u>DATE, DATE, & TIME</u> <ul style="list-style-type: none"> ➤ Reading and Fun with calendar ➤ Units of time (Hours & minutes relation) ➤ Finding time in $\frac{1}{4}$ hours and in minute (Quarter past and quarter to) ➤ Conversions ➤ Days to hours ➤ Hours to minutes ➤ Concept of a.m., p.m. <u>Mental Maths</u> Zoo keepers' diary	<ul style="list-style-type: none"> ❖ The learner is able to <ul style="list-style-type: none"> • To read the calendar to identify days and months • To identify the position at the hour and minute hands of a clock corresponding to a time • To convert days into hours and hours to minutes • Know the concept of a.m. & p.m. 	3	Prepare calendar and write the festivals and national holidays	Effective communication Self awareness	

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February	19	<p>UNIT-10 CAPACITY</p> <ul style="list-style-type: none"> ➤ Fun with measurement of Capacity ➤ Unit of capacity(l, ml) ➤ Conversions (bigger to smaller units) ➤ Addition & subtraction ➤ Word Problems <p><u>Mental Maths</u></p> <ul style="list-style-type: none"> ➤ Length ➤ Weight ➤ capacity 	<ul style="list-style-type: none"> ❖ The learner is able to <ul style="list-style-type: none"> • Name various units for measuring capacity • State the relationship between litre and Millilitre • Add and subtract measures of capacity • Solve 1 or 2 step daily life problems involving capacity 	3	<ul style="list-style-type: none"> ➤ Pasting pictures of objects sold by shopkeeper by measuring Length, weight & capacity and classify them in their proper units <p>Combined Worksheets-</p> <ul style="list-style-type: none"> ➤ Length ➤ Weight ➤ Capacity 	<p>Decision making</p> <p>Self awareness</p> <p>Effective communication</p>	

DAV CENTENARY PUBLIC SCHOOL, PASCHIM ENCLAVE, NEW DELHI-87
YEARLY PLANNER (SESSION 2016-17)
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-4 MULTIPLICATION UNIT -12 GEOMETRY UNIT-3 SUBTRACTION UNIT-11 FRACTIONS
III	SEPTEMBER-DECEMBER	UNIT-5 DIVISION UNIT-7 MONEY UNIT-8 LENGTH
IV	JANUARY- MARCH	UNIT-9 WEIGHT UNIT-10 CAPACITY UNIT-6 DAY,DATE & TIME