DAV CENTENARY PUBLIC SCHOOL , PASCHIM ENCLAVE NEW DELHI-87 ACADEMIC PLAN (15-16)

CLASS: - III

SUBJECT:-MATHEMATICS

SESSION:- 2015-2016

| Assessme nt/ Month | No. of days | CONTENT Topics & Subtopics | Learning Outcome/Objective | HW | <u>Activities</u> | Life Skills | Attitudes/ Values |
|--------------------------|-------------------|---|--|----|--|--|----------------------|
| April | 19 | UNIT-1 Numbers up to 9999 ➤ Numbers up to 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 Mental Maths ➤ Integrated Worksheet (Place Value, Ascending, Descending) | The learner is able to 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 | Worksheet based on number names and expanded form Representing number using place value cards and abacus. | Self Awareness Decision making | Logical Thinking |
| May | 10 | UNIT-2 ADDITION ➤ Fun with addition ➤ Simple addition ➤ Addition(with regrouping) ➤ Properties of addition ➤ Adding three numbers ➤ Word Problem | The learner is able to 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 | | Self Awareness Decision making Problem solving | |

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| July | 21 | UNIT-3 Subtraction ➤ Fun with subtraction ➤ Simple subtraction ➤ Subtraction(with regrouping) ➤ Properties of subtraction ➤ Subtract & check ➤ Word Problem | The learner is able to 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 • Addition, Subtraction Puzzle • Dice game | Self Awareness Decision making Problem solving | |
| July | | UNIT-12 GEOMETRY ➤ Introduction to shapes ➤ Fun with shapes ➤ Basic Geometry(point, line, line segment, ray) ➤ Constructing line segment of given length | The learner is able to 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 Draw examples & 3d shapes and write their edges faces and vertices Trace the faces of 3-D shapes and write their properties Top view of a 3D shape | Creative thinking | |

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| August | 21 | UNIT-4 MULTIPLICATION ➤ 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) ➤ Multiplication by Caligit number by 2 digit) ➤ Multiplication by Multiplication by Caligit numbers by Caligits numbers by California numbers by Caligits numbers by California numbers n | The learner is able to Multiply 2or 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 | Housie Game Application based Assignment Making number stories using the given multiplication fact | Effective communication Problem solving | |
| September | 7 | Revision | | | | | |

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| October | 15 | UNIT-11 Fractions ➤ Introduction to Fractions ➤ Fraction of collection ➤ Numerator and Denominator ➤ Ordering of fractions ➤ Like Fractions ➤ Adding and subtracting | The learner is able to 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 | Make Fraction wall Worksheet- Design fraction pizza Fraction in the clock | Effective communication Problem solving | |
| November | 16 | UNIT-5 DIVISION → 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 | The learner is able to Understand the concept of Division as the process of Repeated Subtraction Equal distribution Divide 2 digit & 3 digit number by single digit number Solve one step daily life problems | 4 | 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 | |

| Assessme | No. | CONTENT | Learning | HW | <u>Activities</u> | Life Skills | Attitudes/ |
|----------|------|--|--|----|--|--|------------|
| nt/ | of | Topics & Subtopics | Outcome/Objective | | | | Values |
| Month | days | | | | | | |
| December | 19 | UNIT-7 MONEY ➤ 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 Mental Maths Birthday party | The learner is able to Understand the importance of currency Able to understand the money in figures and words Prepare cash memo Solve simple money problems | 4 | collect the different bills and paste them Making different figures using fake currency | Effective communication Self awareness | |
| | | UNIT-6 DATE, DATE, & TIME ➤ Reading and Fun with calendar ➤ Units of time (Hours & minutes relation) ➤ Finding time in ¼ hours and in minute (Quarter past and quarter to) ➤ Conversions ➤ Days to hours ➤ Hours to minutes ➤ Concept of a.m., p.m. | The learner is able to 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 | Making clocks using concept 'Quarter to' and Quarter past Prepare calendar and write the festivals and national holidays | Effective communication Self awareness | |

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| January | 12 | UNIT-8 LENGTH ➤ Fun with measurement of length ➤ Unit of length(cm, m, km) ➤ Conversions (bigger to smaller units) ➤ Addition & subtraction ➤ Word Problems Mental Maths More about Length UNIT-9 WEIGHT | The learner is able to Name various units for measuring length State the relationship between km &meter and cm Add and subtract two lengths Solve 1 or 2 step daily life problems | 3 | measuring objects using measuring tools collage of objects which use measurement of length | Decision making Problem solving | |
| | | Fun with measurement of Weight Unit of weight (kg & g) Conversions Addition & subtraction Word Problems | The learner is able to Name various units for measuring weight Convert Kg into gram Add and subtract two weights Solve 1 or 2 step daily life problems | | making weighing balance | Decision making Problem solving Self awareness | |

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| | | | | | | | |
| Month February | 10 | UNIT-10 CAPACITY Fun with measurement of Capacity Unit of capacity(I, ml Conversions (bigger to smaller units) Addition & subtraction Word Problems | ❖ The learner is able to 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 | Pasting pictures of objects sold by shopkeeper by measuring Length, weight & capacity and classify them in their proper units Combined Worksheets- Length Weight Capacity | Decision making Self awareness Effective communication | |
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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 |
|----------------------|--------------------|---|
| | 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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