

Kalgidhar National Public School
Inderpuri, New Delhi-110012

Class: IV – Session 2020-2021

Subject: Mathematics Syllabus

Name of the Book: Together with Mathematics Buzz

Publisher: Rachna Sagar

APRIL

Lesson No 1 – Numbers and Numeration **First Term** (Apr to Sep2020)

- Extension of Numbers up to 9,99,999
- Indian and International Place Value Chart
- Place Value and Face Value
- Successor and Predecessor
- Roman Numerals

Sections deleted from Lesson No1

- Numbers on the Abacus
- Expanded Notation
- Comparing and Ordering of Numbers
- Forming smallest and Greatest Number using Given Digits
- Estimation (Rounding off Numbers)

Lesson No 2 Addition

- Adding 5-and 6- Digit Numbers (with /without carryover)
- Properties of Addition

Sections deleted from Lesson No2

- Estimating the Sum

Activity: Mental Mathematics: Page Number 30

MAY

Lesson No 3 Subtraction

- Subtracting 5 and 6 digit numbers (with and without borrowing)

Sections deleted from Lesson No3

- Properties of Subtraction

Lesson No 4 Multiplication

- Multiplications by 3 digit numbers
- Multiplying by 100,200,300,.....900.

Sections deleted from Lesson No4

- Properties of Multiplications
- Multiplying by 1000,2000,3000,.....9000.

JULY

Lesson No 5 Division

- Division by 2 digit numbers
- Dividend, Divisor, Quotient and Remainder
- Division by 10, 100, and 1000
- Simplification

Sections deleted from Lesson No5

- Properties of Division and Estimation

Activity: Worksheet and Mental Mathematics page no 77 & 78

AUGUST

Lesson No 6 Multiplies and Factors

- Multiplies
- Common Multiplies
- Factors
- Divisibility Tests
- HCF and LCM

Sections deleted from Lesson No6

- Various Types of Numbers
- Sieve of Eratosthenes

Lesson no 12 Geometrical Concept

- Point, Line, Ray and Line Segment

SEPTEMBER

Lesson No 7 Fractions

- Introduction of Fractions
- Types of Fractions
- Comparing and ordering of Fractions
- Simplest form
- Addition and Subtraction of Fractions.

Sections deleted from Lesson No 7

- Use of Fractions in daily life.

REVISION OF First Term

October

Lesson No 8 Decimals

Second Term (Oct 2020 to Mar 2021)

- Understanding Decimals
- Reading and Writing Decimal Numbers
- Expanded Form of Decimals
- Comparing and Ordering of Decimals
- Addition and Subtraction of Decimals

Sections deleted from Lesson No 8

- Use of Decimals in Daily Life

Activity: Mental Mathematics: Page No 139

November

Lesson No 9 Money

- Introduction of Coins and Notes
- Preparing Bills

Lesson No 10 Measurement

- Metric measures of Length, Mass and Capacity
- Conversion
- Addition, Subtraction and Multiplication Problems

Sections deleted from Lesson No 10

- Division Problems

December

Lesson No 11 Measures of Time

- Time in Hours, Minutes & Seconds
- AM & PM
- Conversion of Times
- Addition and subtraction of Times

Sections deleted from Lesson No 11

- Calendar

Lesson No 12 Basic Geometrical Concepts

- Drawing 3-D Shapes
- Forming Shapes from a Net
- Angles, Types of Angles
- Circle

Sections deleted from Lesson No 12

- Symmetry, Patterns and Reflections

Activity: Construction of 3-D Figures, Page No 180

January 2021

Lesson No 13 Perimeter and Area

- Perimeter
- Area

February 2021

Lesson No 14 Data Handling

- Pictorial representation of Data
- Pictograph, Pie Graph and Bar Graph

Activity: Mental Mathematics Page No 218

Revision for Final Examination

Name of the Subject Teacher: Mrs Krishna

Name of the Checker: Mr Guruprakash