

MATHEMATICS
CLASS VII

CURRICULAR CONTENTS:

UNIT I – NUMBER SYSTEM

1. Knowing Our Numbers
2. Fractions
3. Rational Numbers
4. Decimals
Maths Lab Activity
5. Powers and Exponents

UNIT II - ALGEBRA

6. Algebraic Expressions
7. Simple Linear Equations
Worksheet

UNIT III – COMMERCIAL MATHEMATICS

8. Ratio and Proportion
9. Percentage

Maths Lab Activity/Worksheet

UNIT IV - GEOMETRY

10. Understanding Shapes
Maths Lab Activity
11. Properties of Triangles
Maths Lab Activity
12. Symmetry
Worksheet
13. Representing 3D in 2D
Maths Lab Activity
14. Congruence
Maths Lab Activity/Worksheet
15. Construction
Maths Lab Activity

UNIT V- MENSURATION

16. Perimeter and Area
Worksheet/Maths Lab Activity

UNIT VI – DATA HANDLING

17. Data Handling and Probability

Maths Lab Activity/Worksheet

FINANCIAL EDUCATION

Term 1: Go for shopping

Term 2: Simple interest Rate

Crossword/Activities

18. Comprehensive Assessment 1-2

PRESCRIBED TEXTBOOK:

-Maths Alive – VII (Course book & Workbook)

- M/S Harper Collins Publishers India, A-75, Sector-57, Noida – 201301, U.P.
