ST. JOSEPH'S CONVENT HIGH SCHOOL, CBSE – CHITTARANJAN

Syllabus Details

Session– 2024-25

Class – VIII

Subject – Maths

For Exam – Unit - I

Books Recommended:

1. R. S. AGGARWAL

2. N. C. E. R. T. EXEMPLAR

3. R. D. SHARMA

MONTH	BOOKS / SECTION	LESSON(S) / TOPIC(S)	SUGGESTED ACTIVITIES & PROJECTS
APRIL	❖ Squares and square root. ❖ Cubes and cube root.	❖ Square numbers. ❖ Properties of perfect squares. ❖ Square root (Using prime factorisation & Long division method) ❖ Square roots of numbers in decimal form. ❖ Square roots of fractions. ❖ Cubes of numbers.	❖ Squares of 1, 11, 111, 1111… (Do in lab manual notebook or in 1/4th size chart paper)
MAY	❖ Cubes and cube root.	❖ Cubes of negative integers. ❖ Cubes of rational numbers. ❖ Properties of cubes of numbers. ❖ Short cut method for finding the cube of a two-digit number. ❖ Cube roots of numbers.	❖ Summer vacation project: Find cube root by estimation of the following numbers: (a) 110592 (b) 438976 (Do in 1/4th size chart paper)