

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

Syllabus Details

Session- 2024-25

Subject - Maths

Class - VIII

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	<ul style="list-style-type: none">❖ Squares and square root.❖ Cubes and cube root.	<ul style="list-style-type: none">❖ 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.	<ul style="list-style-type: none">❖ Squares of 1, 11, 111, 1111... (Do in lab manual notebook or in 1/4th size chart paper)
MAY	<ul style="list-style-type: none">❖ Cubes and cube root.	<ul style="list-style-type: none">❖ 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.	<ul style="list-style-type: none">❖ Summer vacation project: Find cube root by estimation of the following numbers: (a) 110592 (b) 438976 (Do in 1/4th size chart paper)