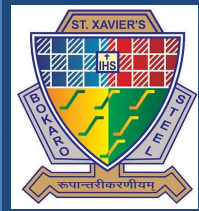


St. Xavier's School



Syllabus and Lesson Planner

Class	Std.8 (2024-2025)	Syllabus		
Subject	MATHEMATICS			
Ch. No.	Name of Chapter	Topic	Month	Week
10	Algebraic Expressions and Identities	Division (U.T. - 1)	March	3rd
		Identity (U.T. - 1)	March	4th
6	Operations on Sets	Sets (U.T. - 1)	April	1st
8	Simple and Compound Interest	Simple Interest (U.T. - 1)	April	2nd
7	Percentage and its Applications	Percentage (U.T. - 2)	April	3rd
		Profit and Loss (U.T. - 2)	April	4th
		Discount (U.T. - 2)	May	1st
11	Factorisation	Taking out common factors (U.T. - 2)	May	2nd
		Grouping of terms (U.T. - 2)	June	2nd
		Difference of two squares (U.T. - 2)	June	3rd
		Trinomials (U.T. - 2)	June	3rd
2	Exponents and Powers	Exponents and Powers (U.T. - 2)	June	4th
12	Linear Equations and Inequalities in one variable	Linear Equations	July	1st
		Linear Inequalities	July	2nd
13	Understanding Shapes	Polygons	July	3rd
		Quadrilaterals	July	4th
		Some special parallelograms	Aug.	1st
3	Squares and Square Roots	Squares	Aug.	2nd
		Square Roots	Aug.	3rd
		REVISION	Aug.	4th
		REVISION	Sept.	1st
		FIRST SEMESTER EXAMINATION		
9	Direct and Inverse Variation	Direct Variation (U.T. - 3)	Sept.	4th
		Inverse Variation (U.T. - 3)	Sept.	4th
		Time and Work (U.T. - 3)	Oct.	1st
14	Construction of	Construction of Quadrilaterals (U.T. -	Oct.	3rd
15	Circle	Circle (U.T. - 4)	Oct.	4th
1	Rational Numbers	Addition and Subtraction (U.T. - 4)	Nov.	2nd
		Multiplication (U.T. - 4)	Nov.	2nd
		Division (U.T. - 4)	Nov.	3rd
		Number Line (U.T. - 4)	Nov.	3rd
		Word Problems (U.T. - 4)	Nov.	3rd
4	Cubes and Cube Roots	Cubes (U.T. - 4)	Nov.	4th
		Cube Roots (U.T. - 4)	Dec.	1st
5	Playing with Numbers	Games with Numbers	Dec.	2nd
		Letters for digits	Dec.	2nd
		Tests of divisibility	Dec.	3rd
18	Mensuration	Area and Perimeter	Jan.	1st
		Areas of quadrilaterals and polygons	Jan.	2nd
		Volume of Solids	Jan.	3rd
		Surface Area	Jan.	3rd
19	Data Handling	Bar Graph and Double bar graph	Jan.	4th
		Grouping Data	Jan.	4th
		Histogram	Jan.	4th
		Pie Chart	Feb.	1st
		Probability	Feb.	1st
11	Factorisation		From	Sem. - 1
13	Understanding Shapes		From	Sem. - 1
		SECOND SEMESTER EXAMINATION		