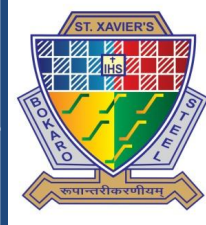


St. Xavier's School



Syllabus and Lesson Planner

Class	9	Syllabus (2024-25)		
Subject	Mathematics			
Ch. No.	Name of Chapter	Topic	Month	Week
1	Algebra and Mensuration	Expansions (Including Substitution)	March	3rd & 4th
		Factorization	April	1st & 2nd
		Area and perimeter of plain figures	April	3rd & 4th
		Unit Test 1	May	2nd
		Simultaneous linear equations (including problems)	June	2nd
2	Coordinate Geometry	Coordinate Geometry	June	3rd
		Graphical Solutions of Simultaneous Equations	June	4th
		Distance formula	July	1st
		Triangles Congruency	July	3rd
		Unit Test 2	July	4th
3	Triangles and Algebra	Isosceles triangles	July	5th
		Inequalities	August	1st
		Indices (Exponents)	August	2nd
		Rational and Irrational numbers	August	2nd
		Trigonometrical Ratio	August	3rd
4	Trigonometry and Coordinate Geometry	Trigonometrical Ratios of standard angles	August	4th
		Complimentary Angles	August	4th
		Complimentary Angles	Septemb	1st
		Revision.	Septemb	1st
		FIRST SEMESTER EXAMINATION	Septemb er	2nd
5	Geometry and Commercial Mathematics	Mid-point and Intercept Theorem with converse	Septemb er	3rd
		Pythagoras Theorem	Septemb	4th
		Compound Interest (without using formula)	October	1st
		Compound Interest (Using formulae)	October	3rd
		Solutions of Right Triangles	October	4th
6	Algebra, Mensuration and Geometry	Solids (Surface area and volume of 3-D solid)	October	5th
		Solids (cont.... + Revision)	Novembe	1st
		Circle. + (Revision)	Novembe	2nd
		Unit Test 3	Novembe	3rd
		Logarithm	Novembe	4th
		Rectilinear Figures	Decembe	1st
7	Statistics	Constructions of quadrilaterals	Decembe	2nd
		Area (Proof and Applications)	Decembe	3rd
		Revision.	January	1st
		Unit test 4	January	2nd
		Mean and Median	January	3rd and 4th
		Revision (Ch. wise test)	February	1st
		SECOND SEMESTER EXAMINATION (All the chapters including first semester)	February	2nd