

## Curriculum Framework

S.1		
Topics / Subjects to be covered		Term
Chapter 0	Revision on Fundamental Arithmetic	First Term
Chapter 1	Basic Mathematics	
Chapter 2	Directed Numbers and the Number Line	
Chapter 3	Introduction to Algebra	
Chapter 4	Linear Equations in One Unknown	
Chapter 5	Introduction to Geometry	
Chapter 6	Introduction to Statistics and Statistical Charts	
Chapter 7	Percentages (I)	Second Term
Chapter 8	Approximate value and Numerical Estimation	
Chapter 9	Areas and Volumes (I)	
Chapter 10	Manipulation of Simple Polynomials	
Chapter 11	Angles related to Lines	
Chapter 12	Introduction to Coordinates	

S.2		
Topics / Subjects to be covered		Term
Chapter 1	Error in Measurement	First Term
Chapter 2	Identities and Factorization	
Chapter 3	Algebraic Fractions and Formulaes	
Chapter 4	Angles related to Rectilinear Figures	
Chapter 5	Congruence	
Chapter 6	More about Statistical Charts	
Chapter 7	Rate, Ratio and Proportion	Second Term
Chapter 8	Similarity	
Chapter 9	Linear Equations in Two Unknowns	
Chapter 10	Pythagoras' Theorem and Irrational Numbers	
Chapter 11	Areas and Volumes II	
Chapter 12	Trigonometric Ratios	

<b>S.3</b>		
<b>Topics / Subjects to be covered</b>		<b>Term</b>
Chapter 1	More about Factorization of Polynomials	First Term
Chapter 2	Laws of Integral Indices	
Chapter 3	Linear Inequalities in One Unknown	
Chapter 4	Percentages II	
Chapter 5	Quadrilaterals	
Chapter 6	Special Lines and Centres in a Triangle	
Chapter 7	Areas and Volumes III	Second Term
Chapter 8	Coordinate Geometry of Straight Lines	
Chapter 9	Trigonometric Relations	
Chapter 10	Applications of Trigonometry	
Chapter 11	Measures of Central Tendency	
Chapter 12	Introduction to Probability	

<b>S.4</b>		
<b>Topics / Subjects to be covered</b>		<b>Term</b>
Chapter 1	Number System	First Term
Chapter 2	Equations of Straight Lines	
Chapter 3	Quadratic Equations in One Unknowns	
Chapter 4	Basic Knowledge of Functions	
Chapter 5	Quadratic Functions	
Chapter 6	More about Polynomials	
Chapter 7	Exponential Functions	Second Term
Chapter 8	Logarithmic Functions	
Chapter 9	Rational Functions	
Chapter 10	Basic Trigonometry	
Chapter 11	Basic Properties of Circles	
Chapter 12	More about Basic Properties of Circles	

<b>S.5</b>		
<b>Topics / Subjects to be covered</b>		<b>Term</b>
Chapter 1	More about Equations	First Term
Chapter 2	Inequalities in One Unknown	
Chapter 3	More about Graphs of Function	
Chapter 4	Variations	
Chapter 5	Permutation and Combination	
Chapter 6	More about Probability	
Chapter 7	Locus	Second Term
Chapter 8	Equation of Circles	
Chapter 9	Application of Trigonometry in 2-dimentional problems	
Chapter 10	Application of Trigonometry in 2-dimentional problems	
Chapter 11	Measures of Dispersion	

<b>S.6</b>		
<b>Topics / Subjects to be covered</b>		<b>Term</b>
Chapter 1	Arithmetic Sequences	First Term
Chapter 2	Geometric Sequences	
Chapter 3	Linear Inequalities in Two unknowns and Linear Programming	
Chapter 4	Uses and Abuses of Statistics	