APPENDIX

OUTLINE OF THE CONTENT OF THE SYLLABUS (STRAND FORM)

	STRAND A	STRAND N	STRAND G	STRAND S	STRAND T
Form I	1. Numbers and counting. 2. Formulae, open sentences and simple equations. 3. Negative numbers and the extended number line. 4. Algebraic expressions. 5. More about negative numbers. 6. More about algebraic expressions.	1. Percentages. 2. Simple areas and volumes. 3. Approximation and measurement.	1. Use of protractor and compasses and basic properties of angles and simple shapes. 2. Introduction to coordinates. 3. Angle and line segment bisection. 4. Angles and parallel lines.	1. Statistical data.	
Form II	1. Polynomials. 2. Use of formulae. 3. Simultaneous linear equations in two unknowns. 4. Equations and identities.	1 Rate, ratio and proportion. 2. Approximation. 3. Circle, rectangular block, prism and cylinder. 4. Using percentages.	1. Angles of triangles and polygons. 2. Pythagoras' Theorem: use of square root tables. 3. More about coordinates.	1. Frequency distribution and its graphical representations.	1. The sine, cosine and tangent ratios. 2. Trigonometric relations.

	STRAND A	STRAND N	STRAND G	STRAND S	STRAND T
Form III	1. Laws of indices. 2. Inequalities in algebra. 3. Quadratic equations.	1. More about percentages. 2. Common logarithms. 3. Mensuration.	1. More about congruence, similarity and parallels. 2. Coordinate geometry of straight lines.	1. Simple idea of probability. 2. Measures of central tendency. 3. Uses and abuses of statistics.	1. Using trigonometry.
Form IV – V	1. More about quadratic equations; surds. 2. Functions. 3. More about polynomials. 4. Proportion and variation. 5. Arithmetic and geometric progressions. 6. Inequalities. 7. Approximate solution of simple equations.		1. Basic properties of a circle. 2. Coordinate treatment of straight lines and circles.	1. Probability and statistics.	1. More about trigonometry. 2. Application of trigonometry.