

**SIR ELLIS KADOORIE SECONDARY SCHOOL (WEST KOWLOON)**

**Yearly Examination 2025/2026**

**Examination Syllabi**

**Mathematics**

S.1	Ch 06 Introduction to Statistics and Statistical Charts Ch 07 Percentage (I) Ch 08 Approximate values and Numerical Estimation Ch 09 Areas and Volumes (I) Ch 10 Manipulation of Simple Polynomials Ch 11 Angles related to Lines Ch 12 Introduction to Coordinates
S.2	Ch 01 Errors in Measurement Ch 02 Identities and Factorization Ch 03 Algebraic Fractions and Formulas Ch 04 Angles related to Rectilinear Figures Ch 05 Congruence Ch 06 More about Statistical Charts Ch 07 Rate, Ratio and Proportion Ch 08 Similarity Ch 09 Linear Equations in Two Unknowns Ch 10 Pythagoras' Theorem and Irrational Numbers Ch 11 Areas and Volumes (II) Ch 12 Trigonometric Ratios
S.3	Ch 01 More about Factorization of Polynomials Ch 02 Laws of Integral Indices Ch 03 Linear Inequalities in One Unknown

	<p>Ch 04 Percentages (II)</p> <p>Ch 05 Quadrilaterals</p> <p>Ch 06 Special Lines and Centres in a Triangle</p> <p>Ch 07 Areas and Volumes (III)</p> <p>Ch 08 Coordinate Geometry of Straight Lines</p> <p>Ch 09 Trigonometric Relations</p> <p>Ch 10 Applications of Trigonometry</p> <p>Ch 11 Measures of Central Tendency</p> <p>Ch 12 Introduction to Probability</p>
S.4	<p>Ch 01 Quadratic Equation in One Unknowns (I)</p> <p>Ch 02 Quadratic Equation in One Unknowns (II)</p> <p>Ch 03 Function and Graphs</p> <p>Ch 04 More about Polynomials</p> <p>Ch 05 Equations of Straight Lines</p> <p>Ch 06 Exponential Functions</p> <p>Ch 07 Logarithmic Functions</p> <p>Ch 08 More about Equations</p> <p>Ch 09 More about Trigonometry</p>
S.5	<p>Ch 11 Variation</p> <p>Ch 12 Basic Properties of Circles</p> <p>Ch 13 Tangents to Circle</p> <p>Ch 14 Measures of Dispersion</p> <p>Ch 15 Permutation and Combination</p> <p>Ch 16 More about Probability</p> <p>Ch 17 Inequalities</p> <p>Ch 18 Linear Programming</p>

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Ch 01 Binomial Expansion

Ch 02 Exponential Function

Ch 03 Limit and Derivatives

Ch 04 Differentiation

Ch 05 Applications of Differentiation

Ch 06 Indefinite Integration and its Applications

Ch 07 Definite Integration and Its Application

Ch 08 Trapezoidal

Ch 09 Review on Basic Statistics and Probability

Ch 10 Conditional Probability and Bayes' Theorem

Ch 11 Discrete Probability Distribution

Ch 12 Some Special Discrete Probability Distribution