

Sir Ellis Kadoorie Secondary School (West Kowloon)

2024 – 2025 Half-yearly Examination Syllabus

Mathematics

S.1	Ch 01 Basic Mathematics Ch 02 Directed Numbers and Number Line Ch 03 Introduction to Algebra Ch 04 Linear Equation in One Unknown Ch 05 Introduction to Geometry Ch 06.1 Introduction to Statistics and Statistics Charts
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
S.3	Ch 01 More about Factorization of Polynomials Ch 02 Law of Integral Indices Ch 03 Linear Inequalities in One Unknown Ch 04 Percentage (II) Ch 05 Quadrilaterals Ch 06 Special Lines and Centres in a Triangle
S.4	Ch 01 Quadratic Equation in One Unknowns (I) Ch 02 Quadratic Equation in One Unknowns (II) Ch 03 Function and Graphs Ch 04 More about Polynomials
S.5	Ch 10 Application in Trigonometry

	Ch 11 Variation Ch 12 Basic Properties of Circles Ch 13 Tangents to Circle Ch 14.4 Measures of Dispersion
S5	Ch 01 Binomial Expansion
M1	Ch 02 Exponential Functions and Logarithmic Functions
	Ch 03 Limits and Derivatives
	Ch 04 Differentiation
	Ch 05 Applications of Differentiation
	Ch 06 Indefinite Integration and its Applications
	Ch 07 Definite Integration and its Applications
	Ch 08 Estimate Definite Integrals by Trapezoidal Rule
	Ch 09 Review on Basic Statistics and Probability
	Ch 10.1 Conditional Probability