

Mathematics School Certificate Test

Performance Band Descriptions

A typical performance in this band is demonstrated when a student:

Band 6	Communicates extensive mathematical knowledge and understanding effectively using words, numbers, pronumerals, graphs and diagrams. Selects and uses mathematical techniques across a wide range of topic areas. Solves problems that involve several steps and interprets information presented in a variety of forms such as graphs, diagrams or algebraic expressions. Shows a high level of competence with respect to number sense by using and moving between different representations such as integers, fractions, decimals and percentages. Estimates and interprets answers in context. Extends and generalises given patterns. Analyses statistical and geometrical data and draws conclusions with justification.
Band 5	Communicates substantial mathematical knowledge and understanding effectively using words, numbers, pronumerals, graphs and diagrams. Selects and uses mathematical techniques across a range of topic areas. Uses a variety of strategies to solve both routine and unfamiliar problems. Shows well developed computation skills including estimation and calculation with integers, fractions, decimals and percentages. Extends given patterns to determine a particular term.
Band 4	Communicates substantial mathematical knowledge and skills such as recall and use of geometrical facts and properties. Displays competency in number skills by calculating with integers, decimals, fractions and percentages. Chooses appropriate strategies in solving familiar problems such as those involving area, volume and statistics. Extends given patterns for several terms.
Band 3	Recalls and communicates mathematical knowledge such as geometrical facts and properties. Displays competency in number skills when calculating with whole numbers, decimals and percentages. Solves problems in familiar contexts such as those involving chance and data, and measurement.
Band 2	Recognises mathematical symbols and common geometrical shapes. Completes some calculations with whole numbers and decimals. Solves routine problems such as those involving money and time. Reads from, and plots data on, familiar graphs. Determines the next term in a given pattern.
Band 1	