Gorokan High School

Year 7 Assessment Schedule 2024

Mathematics

Task number	Task 1	Task 2	Task 3	
Name of Task	Semester 1 Examination	Assignment	Semester 2 Examination	
Task Due	Term 2, Week 4	Term 3, Week 9	Term 2, Week 6	
Outcomes assessed	MA4-INT-C-01 MA4-FRC-C-01 MA4-IND-C-01 MA4-PRO-C-01 MA4-ALG-C-01 MAO-WM-01	MA4-LEN-C-01 MA4-ARE-C-01 MA4-VOL-C-01 MAO-WM-01	MA4-EQU-C-01 MA4-ARE-C-01 MA4-VOL-C-01 MA4-ANG-C-01 MAO-WM-01	
Components				**Task Weighting %**
Fluency	17.5	15	17.5	**50**
Working Mathematically	17.5	15	17.5	**50**
Total %	**35**	**30**	**35**	**100**

Course Outcomes:

MAO-WM-01: Develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly.

MA4-INT-C-01: Compares, orders and calculates with integers to solve problems.

MA4-FRC-C-01: Represents and operates with fractions, decimals and percentages to solve problems.

MA4-RAT-C-01: Solves problems involving ratios and rates, and analyses distance–time graphs.

MA4-ALG-C-01: Generalises number properties to operate with algebraic expressions including expansion and factorisation.

MA4-IND-C-01: Operates with primes and roots, positive-integer and zero indices involving numerical bases and establishes the relevant index laws.

MA4-EQU-C-01: Solves linear equations of up to 2 steps and quadratic equations of the form $ax^2 = c$

MA4-LIN-C-01: Creates and displays number patterns and finds graphical solutions to problems involving linear relationships.

MA4-LEN-C-01: Applies knowledge of the perimeter of plane shapes and the circumference of circles to solve problems.

MA4-PYT-C-01: Applies Pythagoras' theorem to solve problems in various contexts.

MA4-ARE-C-01: Applies knowledge of area and composite area involving triangles, quadrilaterals and circles to solve problems.

MA4-VOL-C-01: Applies knowledge of volume and capacity to solve problems involving right prisms and cylinders.

MA4-ANG-C-01: Applies angle relationships to solve problems, including those related to transversals on sets of parallel lines.

MA4-GEO-C-01: Identifies and applies the properties of triangles and quadrilaterals to solve problems.

MA4-DAT-C-01: Classifies and displays data using a variety of graphical representations.

MA4-DAT-C-02: Analyses simple datasets using measures of centre, range and shape of the data.

MA4-PRO-C-01: Solves problems involving the probabilities of simple chance experiments.