



**MATHEMATICS FACULTY**  
**Task 3 – Class Test**  
**Year 8 Mathematics 2025**

<b>Nature of Task</b> Written Test	<b>Date of Task</b> Wednesday, 20/8/25	<b>Weighting</b> 25% towards Yearly Report
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**Description of the Task:**

The examination will consist of 4 questions, each worth 10 marks.

Total 40 marks

**In the Class Test (to be completed by classes 8MAT03 - 8MAT7, 8MAT10 - 8MAT14) you will be assessed on how well you understand the following topics:**

**Topic 5 – Data Analysis (Summary Statistics)**

- Calculate and compare the mean, median, mode and range.
- Determine the most appropriate measure of centre for a dataset in the context of the data
- Identify and describe the effects of outliers on a dataset.
- Describe the effect of clusters, gaps and outliers on the distribution shape of a dataset.
- Analyse sets of data presented in a variety of ways
- Identify symmetry and skewness in data displays

**Topic 6 – Ratio and Rates**

- Explain the difference between a ratio and a rate
- Simplify ratios and rates
- Solve problems involving ratio, including using the unitary method
- Divide quantities in a given ratio
- Convert between rates
- Solve rate problems including best buys
- interpret and construct distance–time graphs

**Topic 7 – Equations**

- Recognise the difference between algebraic expressions and equations.
- Solve linear equations involving up to 2 steps.
- Solve equations arising from substitution into formulas.
- Verify solutions by substitution.

Please refer to your Mathematics Subject Page on the Learning at Oakhill Google site for more information and detail of each topic.

**Outcomes Assessed:**

MA4-DAT-C-02, MA4-RAT-C-01, MA4-EQU-C-01, MAO-WM-01

**Instructions:**

- The exam will be completed in your Maths classroom.
- You are to write in blue or black pen only
- Bring writing equipment and ruler.
- Calculators are allowed.

**Submission Instructions/Time Allowed:**

50 minutes

**Please review the College policy on plagiarism located in the Assessment Booklet.**

Absence from School, the day before and/or on the day of the assessment, without prior approval will require you to:

1. Have a parent/guardian email your Maths teacher on the day of the test giving a reason for the absence.
2. Submit an Illness Misadventure form available through the Student Portal with supporting documentation, for special consideration.
3. Students with prior approval for leave need not do anything more.