

Year 10 (2022)


MATHEMATICS

Term 2 Stage 5.3 Task Notification

Date	Week 4B Monday, 16 th May 2022
Weighting	Stage 5.3 - 10%
Classes Assessed	This assessment is compulsory for: 10MATR Mr Smithard Period 3
Examination Details	You will be required to sign a Task Notification Log to say that you have received and read this task notification. Please note the following details carefully and write them into your diary. Duration: 50 minutes Format: Short Answer (Calculator) Venue: Classrooms
Equipment Required	The following equipment is required for this assessment task: <ul style="list-style-type: none"> • Blue and/or black pens • Lead Pencils • Ruler • Eraser • Board-approved scientific calculator Note: <ul style="list-style-type: none"> • A reference sheet will be provided. • No phones, notes or borrowing of equipment will be permitted.
Marking Criteria	<ul style="list-style-type: none"> • All questions should be attempted. • All questions are worth 1 mark unless otherwise indicated. • To obtain full marks, answers must be completely correct and all necessary working must be shown. • Some marks may be awarded for partially correct answers. • Trivial attempts will be counted as a non-attempt and may result in an official warning letter being issued.
Absentee Procedures	If you are absent on the day of this examination, upon your return to school you must present a Doctor's Certificate to your Class Teacher or the Head Teacher explaining your absence, otherwise a mark of zero may be awarded. You will be required to sit for your examination on the first day you return to school.

Stage 5.3 Outcomes

The following table lists all the Stage 5 knowledge and numeracy skills that will be assessed in this 5.3 examination.

Strands	Assessment Outcomes
Measurement and Geometry	<ul style="list-style-type: none"> • MA5.3 – 13MG Applies formulas to find the surface areas of right pyramids, right cones, spheres and related composite solids. • MA5.3 – 14MG Applies formulas to find the volumes of right pyramids, right cones, spheres and related composite solids.
Number and Algebra	<ul style="list-style-type: none"> • MA5.3 – 6NA Performs operations with surds and indices
Statistics and Probability	<ul style="list-style-type: none"> • MA5.2 – 17SP Describes and calculates probabilities in multi-step chance experiments
Working Mathematically 	<ul style="list-style-type: none"> • MA5.3 – 1WM Uses and interprets formal definitions and generalisations when explaining solutions and/or conjectures. • MA5.3 – 2WM Generalises mathematical ideas and techniques to analyse and solve problems efficiently. • MA5.3 – 3WM Uses deductive reasoning in presenting arguments and formal proofs.
Textbook Chapters	<p>Cambridge 10: 5.1, 5.2 & 5.3</p> <ul style="list-style-type: none"> • Chapter 1: Measurement • Chapter 2: Surds and Indices • Chapter 3: Probability

*** Note: Please refer to the additional 5.1/5.2 assessment task notification outlining Stage 5.1 & 5.2 course outcomes being assessed on a separate examination date.**