



Year 10 (2022)


MATHEMATICS

Term 2 Stage 5.1/5.2/5.3 Task Notification

Date	Week 3A: Friday, 13th May, 2022																								
Weighting	Stage 5.1/2 - 25%	Stage 5.3 – 20%																							
Classes Assessed	This assessment is compulsory for:																								
	<table border="1"> <thead> <tr> <th colspan="2">Period 1</th> <th colspan="2">Period 3</th> </tr> </thead> <tbody> <tr> <td>10MATB</td> <td>Mr Salame</td> <td>10MATR</td> <td>Mr Smithard</td> </tr> <tr> <td>10MATI</td> <td>Ms Hui</td> <td>10MATO</td> <td>Mrs Ibrahim</td> </tr> <tr> <td>10MATV</td> <td>Mr Mansouri</td> <td>10MATY</td> <td>Mr Fomin</td> </tr> <tr> <td>10MATP</td> <td>Mrs Attaalla</td> <td>10MATG</td> <td>Ms Hui</td> </tr> <tr> <td>10MATL</td> <td>Mrs Keir</td> <td>10MATC</td> <td>Mrs Keir</td> </tr> </tbody> </table>	Period 1		Period 3		10MATB	Mr Salame	10MATR	Mr Smithard	10MATI	Ms Hui	10MATO	Mrs Ibrahim	10MATV	Mr Mansouri	10MATY	Mr Fomin	10MATP	Mrs Attaalla	10MATG	Ms Hui	10MATL	Mrs Keir	10MATC	Mrs Keir
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Examination Details	<p>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.</p> <p>Duration: 50 minutes Format: Calculator Venue: Classrooms</p>																								
Equipment Required	<p>The following equipment is required for this assessment task:</p> <ul style="list-style-type: none"> Blue and/or black pens Board-approved scientific calculator Pencil and eraser Ruler <p>Note:</p> <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	<p>If you are absent on the day of this examination, upon your return to school you must present a medical 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.</p>																								

Syllabus Outcomes

The following table lists all the Stage 4 and Stage 5 knowledge and numeracy skills that will be assessed in this Common Test.

Strands	Assessment Outcomes
Number and Algebra	<p>Topic: Algebraic Expressions and Indices</p> <p>MA5.1-9MG A student interprets very small and very large units of measurement, uses scientific notation, and rounds to significant figures.</p> <p>MA5.2-7NA A student applies index laws to operate with algebraic expressions involving integer indices.</p> <p>MA5.1-5NA A student operates with algebraic expressions involving positive-integer and zero indices, and establishes the meaning of negative indices for numerical bases.</p>
Probability and Statistics	<p>Topic: Probability</p> <p>MA4-21SP Represents probabilities of simple and compound events</p> <p>MA5.1-13SP Calculates relative frequencies to estimate probabilities of simple and compound events</p> <p>MA5.2-17SP Describes and calculates probabilities in multi-step chance experiments</p>
Working Mathematically 	<p>MA5.1-1WM Uses appropriate terminology, diagrams and symbols in mathematical contexts.</p> <p>MA5.1-2WM Selects and uses appropriate strategies to solve problems.</p> <p>MA5.1-3WM Provides reasoning to support conclusions that are appropriate to the context.</p>
Textbook Chapters	<ul style="list-style-type: none"> • Cambridge 10: NSW Gold Chapters 3, 4 • Cambridge 10: 5.1 & 5.2 Chapters 3, 4 • Cambridge 10: 5.3 Chapters 2, 3

*** Note for 5.3 students:**

Stage 5.3 course outcomes will be assessed in an additional examination in Week 4B on Monday 16th May. See the 5.3 notification for more information.