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| **Coonabarabran High School**IN-CLASS ASSESSMENT NOTIFICATION |
| **Subject:** | **Year 9 Mathematics** | **Due date:** | **12th November 2024** |
| **Teacher:** | **Mr Eshman, Mrs Atkinson** | **Notification date:** | **31st October 2024** |
| **Exam Length:** | **65 minutes** | **Weighting:** | **30%** |
| **Topics to be assessed:** |
| **Common Content****(Core Content)*** **Area and Volume**
* **Linear Relationships**
* **Similar Figures**
* **Probability**
* **Algebra and Equations**
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| **Mrs Atkinson’s Class****(Path Content)*** **Quadratic Expressions**
* **Algebraic Fractions**
* **Quadratic Equations**
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| **Outcomes to be assessed:** |
| **Core Content*** **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.**
* **MA5-ARE-01 solves problems involving the surface area of right prisms and practical problems involving the area of composite shapes and solids.**
* **MA5-VOL-C-01 solves problems involving the volume of composite solids consisting of right prisms and cylinders**
* **MA5-LIN-C-01 determines the midpoint, gradient and length of an interval, and graphs of linear relationships, with and without digital tools**
* **MA5-LIN-C-02 graphs and interprets linear relationships using the gradient/slope-intercept form**
* **MA5-RAT-P-02 analyses and constructs graphs relating to rates of change**

**Path Content*** **MA5-ALG-C-01 simplifies algebraic fractions with numerical denominators and expands algebraic expressions**
* **MA5-ALG-P-01 simplifies algebraic fractions involving indices, and expands and factorises algebraic expressions (Path: Adv)**
* **MA5-EQU-P-01 solves monic quadratic equations, linear inequalities and cubic equations of the form (Path: Adv)**
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| **Study Guidance:** |
| * **Revision as provided by your teacher**
* **Complete “Chapter Review” sets from the text**
* **ATOMI**
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| **You will be assessed on how well you:** |
| * **Provide clearly worked solutions that demonstrate understanding of the presented concepts.**
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| **Task description:** |
| * **Timed written test.**
* **Common Section**
* **Class Section**
* **A Reference Sheet will be provided**
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| **Submission/equipment required:** |
| * **Calculator**
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| **Feedback (after task completion):** |
| * **A mark**
* **Written or verbally modelled answers demonstrating an appropriate method of solution.**
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| *NOTE: This is a compulsory assessment task. You are required to be in attendance on the above date to make a genuine attempt to complete the task. Failing to do so may result in one or more of the following: a loss of marks, a non-attempt designation, and / or completing the task for reduced or zero marks. If you will be away on the day, you are required to arrange an extension in advance with your class teacher. You may be required to deliver an alternate submission. If you are away from school on the day of the examination due to an unplanned event, you are required to provide your teacher with a note from a parent/caregiver when you return. All assessment protocols, found in the Assessment Handbook, will be followed.* |