**Assessment Notification**

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| **Course Name** | **Year 9 Stage 5.3 Mathematics (Advanced)** |
| **Task Number** | 4 |
| **Task Weighting** | 40% in the components of   * *25% Concepts, Skills and Techniques* * *15% Reasoning and Communication* |
| **Task date** | StartingMonday 4th November (Week 4). See Exam timetable. |
| **Type of task** | The Year 9 Mathematics examination will consist of three sections.  **SECTION A:** Multiple Choice  **SECTION B:** Short answer  **SECTION C:** Extended response. |
| **Time allowed** | The Examination will be  hours. |
| **Reading time** | 5 minutes. |
| **Plagiarism & Malpractice** | |
| * In completing this task, you are agreeing to adhere to the St Aloysius College assessment policy and guidelines relating to plagiarism, copyright and malpractice. * Plagiarism is using the words written or ideas expressed by someone else as your own. * Malpractice is any activity that allows a student to gain an unfair advantage over other students. | |
| **Topics to be Tested** | |
| * Chapter 1: Computation and Financial Mathematics  Chapter 2: Expressions, Equations and Inequalities  * Chapter 3: Right-angled Triangles * Chapter 4: Linear Relationships  Chapter 5: Length, Area, Surface Area and Volume  * **Chapter 6: Indices and Surds** * **Chapter 8: Quadratic Expressions and Algebraic Fractions** * **Chapter 9: Probability and Single Variable Data Analysis (9A, 9B, 9D, 9E, 9F only)** * **Chapter 10:Quadratic Equations and Graphs of Parabolas (10A-10D only)**   **Emphasis will be on Semester 2 content.** | |
| **Outcomes to be assessed** | |
| * Demonstrates knowledge, understanding, skills and applications of the Stage 5.3, Year 9 Mathematics (Advanced) course. | |
| **Marking Criteria** | |
| * Show relevant mathematical reasoning and/or calculations * Effective communication using mathematical language and notation; clear presentation of all solutions is required * Large, clear diagrams and graphs are required * Board approved calculators may be used * All part marks will be indicated next to each question | |
| **Revision/Preparation** | |
| * Chapter reviews from textbook * Cambridge GO online questions/reviews * Past papers and solutions on CANVAS | |
| **Equipment** | |
| Calculator, ruler, black pen. | |

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| **Practice, practice, practice** | Remove the silly errors through repetition  and gain confidence |
| **Review errors** | Work through the process in finding a solution and work on your weaknesses |
| **Master key concepts** | Don’t just memorise the process, understand the logic involved |
| **Understand your doubts** | Bounce ideas off family and friends when trying to solve complex problems |
| **Create a mathematical dictionary** | Create notes/flashcards that summarise key concepts, definitions and formulae |
| **Apply Maths to real world problems** | Try to apply real-world problems when approaching Maths |
| **Create a study environment** | Complete study in a distraction free environment which allows concentration |
| **Take tests** | Complete past papers under timed conditions to get the pace of solutions correct |
| **Answer or working?** | Be guided by the mark allocation, more marks require more working to be shown |