# MOSSMAN STATE HIGH SCHOOL

Term 1, 2019 – Course Outline Year 9 MAT091E – Mr Vinter

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<th>Unit Name</th>
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| Pythagoras Theorem | • Pythagoras theorem and right angled triangles  
                     • Finding the length of the Hypotenuse  
                     • Finding lengths of the shorter sides  
                     • Applications of Pythagoras Theorem | 3 weeks          |                                                                              |                           |
| Algebra            | • Language of Algebra  
                     • Expanding –Distributive Law  
                     • FOIL, DOTS, PSI  
                     • Factorising          | 2 weeks          | EXAM (Individual, closed book, 70 mins, calculator allowed)                     | Friday 8/03/19 (Week 6)   |
| Indices            | • Index Laws  
                     • Scientific Notation                                                                 | 5 weeks          | ASSIGNMENT Draft                                                                | Handed Out (22/3/19)      |
                                                                 |                  | ASSIGNMENT Due                                                                | Friday 29/03/19 (Week 9)  |
                                                                 |                  |                                                                              | Friday 5/4/19 (Week 10)   |