# MOSSMAN STATE HIGH SCHOOL
Term 3, 2018 – Course Outline
Year 7 Maths MAT072D – Miss Lucas

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<th>Unit Name</th>
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| **Patterns and algebra**   | In this unit, students apply a variety of mathematical concepts in real-life, life-like and purely mathematical situations. Through the proficiency strands - Understanding, Fluency, Problem solving and Reasoning - students have opportunities to develop understandings of:  
  • Patterns and algebra - use variables to represent numbers, create algebraic expressions, evaluate algebraic expressions by substitution  
  • Linear and non-linear relationships - plot points on a Cartesian plane, find coordinates for points on a Cartesian plane, solve simple linear equations and create and analyse graphs from authentic data. | 10 weeks         | Exam            | Week 8  
  Friday 7th September              |