## MOSSMAN STATE HIGH SCHOOL

**Term 3, 2019 – Course Outline Year 8 Maths**

ALLECA, IVESCH, LUCAMA, RIETHA, SEYMAL, STOLLE

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<th>Unit Name</th>
<th>Main Ideas</th>
<th>Duration (weeks)</th>
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| Measurement (cont) | 12 and 24 hour time  
• Time differences | 1 week | | |
| Linear graphs and equations | Review Cartesian plane and plotting points  
• Creating and using a table of values  
• Sketching linear relationships using intercepts  
• Finding the rule (by inspection)  
• Gradient  
• Applications of linear relationships  
• The language of equations  
• Solving linear equations - algebraically & graphically  
• Solving problems involving linear equations | 3 weeks | | |
| Statistics | Population sampling  
• Measures of centre and spread  
• Effect of outliers on mean & median  
• Frequency tables and graphs | 2 weeks | | |
| REVISION | | 1 week | Exam (70 min)  
Individual, unseen, closed book | Tuesday 3rd Sept |
| Probability | Understanding probability  
• Theoretical probability  
• Venn diagrams and two way tables | 3 weeks | | |