



## MOSSMAN STATE HIGH SCHOOL

Term 4, 2019 – Course Outline Year 8 Mathematics  
 ALLECA, IVESCH, LUCAMA, RIETHA, SEYMAL, STOLLE

Unit Name	Main Ideas	Duration	Assessment Item	Due Date
<b>Ratio</b>	<ul style="list-style-type: none"> <li>• Writing ratios</li> <li>• Simplifying ratios</li> <li>• Unit ratio and scale factors</li> <li>• Using ratios to find amounts</li> <li>• Scale drawings</li> <li>• Sharing an amount in a given ratio</li> <li>• Rates</li> </ul>	4½ weeks	Assignment PSMT 3 weeks (4 in-class lessons) Individual, report format	Out: 15 Oct Draft: 25 Oct Final: 1 Nov
<b>Geometry</b>	<ul style="list-style-type: none"> <li>• Review angles at a point, pairs of angles and angles on parallel lines</li> <li>• Review definitions and properties of shapes and geometric naming conventions</li> <li>• Congruence and transformation</li> <li>• Test for congruent Triangles</li> <li>• Congruence and quadrilaterals – geometric reasoning</li> </ul>	3 weeks		
	REVISION	1 week	Exam (70 min) Unseen, individual, closed book	Wednesday 4th Dec
	<ul style="list-style-type: none"> <li>• Applications of geometry</li> </ul>	1.5 weeks		