

# Turramurra High School - 2024 - Year 9 - Scope and Sequence

## Term 1 2024

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Week 1B			Week 2A		Week 3B		Week 4A		Week 5B		Week 6A		Week 7B		Week 8A		Week 9B		Week 10A		Week 11B			
29/1	30/1	31/1			12/2		19/2		26/2		4/3		11/3		18/3		25/3		29/3		1/4		8/4	
SDD 1			SDD 2			Year 7, 11, 12 only			Topic 1: Geometric Representations				Topic 1: Geometric Representations (5 weeks - 16 lessons including topic test)				Topic 2: Working With Triangles (6 weeks - 20 lessons including topic test)				Topic 2: continued			
									Core Outcomes: MAO-WM-01, MA5-GEO-C-01				Core Outcomes: MAO-WM-01, MA5-GEO-C-01				Core Outcomes: MAO-WM-01, MA5-TRG-C-01, MA5-LIN-C-01, MA5-MAG-C-01				Core Outcomes: MAO-WM-01, MA5-TRG-C-01, MA5-LIN-C-01, MA5-MAG-C-01			
									Path Outcomes: MA5-GEO-P-01, MA5-NET-P-01				Path Outcomes: MA5-GEO-P-01, MA5-NET-P-01				Path Outcomes: MA5-LIN-P-01, MA5-IND-P-02				Path Outcomes: MA5-LIN-P-01, MA5-IND-P-02			
									Life skills outcomes: MALS-GEO-01				Life skills outcomes: MALS-GEO-01				Life skills outcomes: MALS-POS-01				Life skills outcomes: MALS-POS-01			
									<b>Core overview:</b> <ul style="list-style-type: none"> <li>Identify and describe the properties of similar figures</li> <li>Solve problems using ratio and scale factors in similar figures</li> </ul>				<b>Core overview:</b> <ul style="list-style-type: none"> <li>Identify and describe the properties of similar figures</li> <li>Solve problems using ratio and scale factors in similar figures</li> </ul>				<b>Core Overview:</b> <ul style="list-style-type: none"> <li>Demonstrate and explain the constancy of trigonometric ratios for a given angle in right-angled triangles</li> <li>Apply trigonometry to solve right-angled triangle problems</li> <li>Find the midpoint and gradient of a line segment (interval) and the distance between 2 points on a Cartesian plane</li> <li>Estimate and round numbers to a specified degree of accuracy</li> </ul>				<b>Core Overview:</b> <ul style="list-style-type: none"> <li>Demonstrate and explain the constancy of trigonometric ratios for a given angle in right-angled triangles</li> <li>Apply trigonometry to solve right-angled triangle problems</li> <li>Find the midpoint and gradient of a line segment (interval) and the distance between 2 points on a Cartesian plane</li> <li>Estimate and round numbers to a specified degree of accuracy</li> </ul>			
<b>Path overview:</b> <ul style="list-style-type: none"> <li>Develop and apply the minimum conditions for triangles to be similar</li> <li>Establish and apply properties of similar shapes and solids</li> <li>Examine and describe a graph/network</li> </ul>				<b>Path overview:</b> <ul style="list-style-type: none"> <li>Develop and apply the minimum conditions for triangles to be similar</li> <li>Establish and apply properties of similar shapes and solids</li> <li>Examine and describe a graph/network</li> </ul>				<b>Path Overview:</b> <ul style="list-style-type: none"> <li>Apply formulas to find the midpoint and gradient/slope of an interval and the distance between 2 points located on the Cartesian plane</li> <li>Describe surds</li> </ul>				<b>Path Overview:</b> <ul style="list-style-type: none"> <li>Apply formulas to find the midpoint and gradient/slope of an interval and the distance between 2 points located on the Cartesian plane</li> <li>Describe surds</li> </ul>												
<b>Life-Skills overview:</b> <ul style="list-style-type: none"> <li>explores 2-dimensional shapes and 3-dimensional objects.</li> </ul>				<b>Life-Skills overview:</b> <ul style="list-style-type: none"> <li>explores 2-dimensional shapes and 3-dimensional objects.</li> </ul>																				
NAPLAN WINDOW 13th - 25th													GOOD FRIDAY		EASTER MONDAY		Athletics Carnival							

## Term 2 2024

		Week 1		Week 2		Week 3		Week 4		Week 5		Week 6		Week 7		Week 8		Week 9		Week 10		
		29/4	30/4	6/5	13/5	20/5	27/5	3/6	10/6	11/6	17/6	24/6	1/7									
<b>S.D.D.</b>	<b>Topic 3: 3D Spatial Relations.</b>												<b>Topic 4: Multiplicative Relationships</b>									
	<b>Unit Title: Prisms &amp; Cylinders (20 lessons including testing)</b>												<b>Unit Title: Index laws ( lessons including testing)</b>									
	Core Outcomes: MAO-WM-01, MA5-ARE-C-01, MA5-VOL-C-01, MA5-ALG-C-01, MA5-EQU-C-01, MA5-MAG-C-01												Core Outcomes: MA5-IND-C-01, MA5-MAG-C-01									
	Path Outcomes: MA5-ARE-P-01, MA5-VOL-P-01, MA5-EQU-P-02												Path Outcomes: MA5-IND-P-01, MA5-IND-P-02									
	Life skills outcomes: MALS-ADS-01, MALS-MDI-01, MALS-PAT-01, MALS-VOL-01, MALS-ARE-01												Life skills Outcomes: MALS-MDI-01, MALS-PAT-01									
<b>Core Content:</b> <ul style="list-style-type: none"> <li>Solve problems involving areas and surface areas</li> <li>Develop and apply the formula for surface areas of cylinders</li> <li>Solve problems involving surface areas of cylinders and related composite solids</li> <li>Solve problems involving composite solids consisting of right prisms and cylinders</li> <li>Apply the distributive law to the expansion of algebraic expressions</li> <li>Solve linear equations involving up to 3 steps</li> <li>Solve linear equations arising from word problems and substitution into formulas</li> <li>Identify and describe very small and very large measurements</li> <li>Find absolute and percentage error</li> <li>Estimate and round numbers to a specific degree of accuracy</li> </ul>												<b>Path Content:</b> <ul style="list-style-type: none"> <li>Solve problems involving surface areas</li> <li>Solve problems involving volumes</li> <li>Solve linear equations involving algebraic fractions and equations of more than 3 steps</li> <li>Rearrange literal equations</li> </ul>										
<b>Queens Birthday</b>												<b>Core content:</b> <ul style="list-style-type: none"> <li>Extend and apply the index laws to variables, using positive-integer indices and the zero index</li> <li>Simplify algebraic products and quotients using index laws</li> <li>Apply index laws to numerical expressions with negative-integer indices</li> <li>Express numbers in scientific notation</li> </ul>					<b>Path content:</b> <ul style="list-style-type: none"> <li>Apply index laws to algebraic expressions involving negative-integer indices</li> <li>Describe and use fractional indices</li> </ul>					