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Year 11 Numeracy Scope & Sequence 2022

Mathematics Faculty

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Head Teacher: Mrs J. O'Neill

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TERM 1	 MODULE 1: N6-1.1, N6-1.2, N6-1.3, N Whole Numbers (Module 1.1) Understand the meaning, order and relative magnitude of whole numbers into the millions an beyond Access and interpret numerical information found in news articles, catalogues, instruction mainformation labels and documentation in the workplace Operations with whole numbers (Module 1.2) Complete calculations with whole numbers that may arise in both personal life and work Recall and extend basic addition, subtraction, multiplication and division facts Understand the inverse relationships between addition and subtraction, and multiplication and 						 Use standard units used to measure these attributes Use measurement formulas Apply various operations in calculations involving these attributes Time (Module 1.4) Measure and record time, using digital and analog 12-hour time Use simple calendars and timetables 					
	1	2	ons and problem-so	4	5	6		Assignment 30 %	8	nmon standard unit	10	
TERM 2	MODULE 1 N6-1.1, N6-1.2, N6-1.3, N2-2.1, N6-2.2, N6-2.3, N6-3.1, N6-3.2 Data, graphs, and tables (Module 1.5) - Extract and interpret information from a variety of simple forms of data displays that are used in everyday contexts. - Collect meaningful data and to represent this in simple tables and graphs Numerical Reasoning Mathematical Thinking Process - Interpret the situation - Choose and apply information, strategies, and skills relevant to the situation - Reflect on the situation as it is being resolved - Communicate throughout the resolution of the situation.						Fractions and Decimals (Module 2.1) - Develop the understanding that the whole number place value system can be extended to include decimal numbers between whole numbers - Use fractions and decimals to name the same quantity in different ways and use this skill to compare the magnitude of fractional and decimal numbers Operations with Fractions and Decimals (Module 2.2) - Mentally manipulate simple fractions by drawing, visualising and partitioning familiar fractions and counting backwards or forwards in simple fractional amounts - Use mental strategies (place value, basic facts and partitioning) to calculate with decimals					



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	-	_	MODULE 2	2: N6-1.1, I	N6-1.2, N6-1.3,	N2-2.1, N6-2.2	2, N6-2.3, N6	3.1, N6-3.2				
	Metric Relationships (Module 2.3) - Knowledge and understanding of whole number and decimal place value, and the multiplicative patterns in our number system are fundamental to - Develop a deeper understanding of the metric measurement system					Chance (Module 2.5) - Explore the elements of chance that are encountered in many aspects of everyday life - Recognise the element of chance in familiar daily activities - Use knowledge of chance to make appropriate decisions						
m	- Use fractions and decimals skills to move flexibly between equivalent forms of metric											
TERM	units					Numerical Reasoning Mathematical Thinking Process						
笆	Length, Mass, and Capacity (Module 2.4)					- Interpret the sit		ategies, and skills re	elevant to the situa	ation		
_			<u>c 2.7,</u> th, mass, and capacit	v			ituation as it is bei		sievant to the situe	111011		
		ment skills in prac		,				lution of the situation	on.			
	- Use everyday measuring equipment and read simple scales											
	- Solve everyday problems in relevant contexts					NOTE – STUDENTS OUT OF CLASS IN WEEKS 8 & 9 FOR FORMAL EXAMINATIONS						
					Learning Portfolio							
					35 %							
	1	2	3	4	5	6	7	8	9	10		
	MODULE 2 continued						1			1		
4			Vacuata Numara and account a communication									
Σ			Year 12 Numeracy course commences									
TERM			Refer to Year 12 Scope and Sequence document for 2023									
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