Topic	EO	Content	Suggested	Time
			Resource	(hours)
NMM –	<u>MNU 3-01a</u>	• Decimal places,	Teejay 3a	3
Rounding	I can round a number using an appropriate degree of accuracy,	<ul> <li>Significant Figures,</li> </ul>	Pages 7-12	
	having taken into account the context of the problem.	<ul> <li>Estimating using sig figs</li> </ul>	L&L P11-15	
			(not Sig Figs)	
Extension:				
Consolidation				
Mini Murder 1	8 Approximating and Rounding from Mini Mathematical Murder Myst	eries 18 (in KR base)		
Rounding to d	n codebreaker (lesson starter)			
Computer base	ed sig figs activity (10-20 minutes)			
Rich Tasks: St	andards Units Rounding activity that is easily adapted to decimal places	s and significant figures (30 minutes +)		
NMM –	<u>MNU 3-03a</u>	$\circ$ Problems involving + - x /.	Teejay 3a	5
Whole	I can use a variety of methods to solve number problems in familiar	$\circ$ Multiply and divide by multiples of 10, 100 etc.	Pages 13-20	
Numbers	contexts, clearly communicating my processes and solutions.	• Order of operations	L&L P16-30	
			selection	
Extension:				
Consolidation:				
Rich Tasks:			<b>T</b> : 2	~
NNM –	MNU 3-04a	• Negative numbers in context.	Teejay 3a	5
Integers	I can use my understanding of numbers less than zero to solve	• Adding and subtracting integers.	Pages 32-39	
	simple problems in context.	• Multiplying and dividing integers	L&L P49-50	
Extension:				
Consolidation:				
Rich Tasks: <u>ht</u>	tps://nrich.maths.org/9941 The balloon game (+/- negative numbers)			
http://nrich.ma	<u>aths.org/5864</u> Playing connect 3 (+/- negative numbers)			
		Circulify Evenessions	Tasian 2a	0
1 NIVIIVI $-$	<u>WIII 5-14a</u> Loop collect like electronic terms, simplify expressions and evel-	• Simplify Expressions.	Teejay 5a	δ
Algebra I	i can conect like algebraic terms, simplify expressions and evaluate	$\circ$ Expand brackets and simplify.	rages 54-04	
	USING SUDSTITUTION.	• Solve equations up to $3(x+2) = 20$ .	L&L P105-	
	<u>M1H 3-15a</u>	• Evaluate simple formulae.	198 selection	

## S1 Block 1 – Upper and Middle Course – First term plus first 3 weeks of second term.

	Having discussed ways to express problems or statements using mathematical language, I can construct, and use appropriate methods to solve, a range of simple equations.	• Construct and evaluate a formula.	(more algebra in block 3)	
Extension:				
Consolidation:				
SPM – Angles and triangles	MTH 3-17a I can name angles and find their sizes using my knowledge of the properties of a range of 2D shapes and the angle properties associated with intersecting and parallel lines.	<ul> <li>Complementary and supplementary.</li> <li>Angle around a point.</li> <li>Vertically opposite angles.</li> <li>Angles in a triangle.</li> </ul>	Teejay 3a Pages 23-30 L&L 207-222	4
Extension:				
Consolidation: Rich Tasks:				
SPM Coordinates	MTH 3-18a I can use my knowledge of the co-ordinate system to plot and describe the location of a point on a grid.	o 4 quadrants	Teejay 3a Page 41-44 L&L 248-253	2
Extension:				
Consolidation:				
Rich Tasks:				
Enrichment/consolidation activities				
Block Assessment (Week 3 after October Holidays).				
Total Time				33

Topic	EO	Content	Suggested	Time
			Resource	(hours)
NMM	<u>MNU 3-07a MTH 3-07b MTH 3-07c</u>	• Equivalence and Simplifying.	Teejay 3a	4
Fractions	I can solve problems by carrying out calculations with a wide range of	• Converting mixed to top heavy fractions	Pages /8-8/	
	approximate informed abaiases for real life situations	and vice versa.	L&L P81-90	
	By applying my knowledge of equivalent fractions and common multiples	same and different denominators		
	I can add and subtract commonly used fractions.	sume and arrefent denominators.		
	I can convert between whole or mixed numbers and fractions.			
Extension:				
Fraction magic s	quares			
Consolidation:	ubtracting fractions (conceptual), Match three (equivalence), adding fraction	s (starter), improper fractions code breaker		
Rich Tasks: Frag	ctions to Percentages			
SPM	<u>MTH 3-16a</u>	• Area and perimeters of squares, rectangles	Teejay 3a	3
2D Shape –	Having explored a range of 3D objects and 2D shapes, I can use	and triangles.	Pages 67-76	
Quadrilaterals-	mathematical language to describe their properties, and through	• Composite areas of squares, rectangles	L&L 126-144	
Area and	investigation can discuss where and why particular shapes are used in the	and triangles.		
Perimeter	environment.			
Extension: Area	of rhombus, kite, parallelogram and trapezium.			
Guillotine				
Consolidation:	urge and parimeter consolidation starter activity			
Area and perime	ter matching activity			
Area and perme	ter matering activity			
Rich Tasks:				
SPM	<u>MNU 4-16b, MTH 3-11b</u>	• Circumference of a Circle.	Teejay 3a	8
2D Shape -	Having investigated the relationship between the radius, diameter,	$\circ$ Area of a circle.	Pages 88-94	
Circle	circumference and area of a circle I can apply my knowledge to solve	• Including fractions of a circle (half and	Pages 125-130	
	related problems.	quarter).	L&L 126-151	
			(selection)	
			L&L Bk4 228-	
			237	
Applet demonstr	ating link between diameter and circumference			
Extension: Find	ng diameter from circumference. Finding radius from the area.			
<u>renny tartning</u> ,	Eight choices, Arc length, Sector area.			
Consolidation: Mixed circle questions, Compound area questions (page 7 012-15)				
Consolidation: <u>Mixed circle questions</u> , <u>Compound area questions (page / Q12-15)</u>				

## S1 Block 2 – Upper and Middle Course – Weeks 4-8 of term 2 plus Weeks 1-6 of term 3

Rich Tasks:					
NMM	<u>MNU 3-07a</u>	0	Percentages without a calculator.	Teejay 3a	5
Percentages	I can solve problems by carrying out calculations with a wide range of	0	Percentages with a calculator.	pages 46-53	
_	fractions, decimal fractions and percentages, using my answers to make	0	Linking decimals, fractions and	L&L 73-79	
	comparisons and informed choices for real-life situations.		percentages.		
Extension: Decimal multipliers (increase/decrease calculator questions)					
Consolidation:	FDP matching activity, percentage of an amount non-calc starter, non-calc per	rcentages	s code breaker		
Rich Tasks: 409	6  of  70 = 70%  of  40  inquiry lesson	-			
SPM	<u>MNU 3-11a</u>	0	Volumes of cubes and cuboids including	Teejay 3a	3
3D Shape	I can solve practical problems by applying my knowledge of measure,		composites.	Pages 104-111	
Volume	choosing the appropriate units and degree of accuracy for the task and	0	Capacity.	L&L 138-151	
	using a formula to calculate area or volume when required.			selection	
	<u>MTH 3-11b</u>				
	Having investigated different routes to a solution, I can find the area of				
	compound 2D shapes and the volume of compound 3D objects, applying				
	my knowledge to solve practical problems.				
Extension: Volu	ime of a triangular prism, surface area				
Concelidations					
Consolidation:					
Dich Tasks: corn flake box (includes surface area)					
Kich Tasks. <u>com nake box</u> (includes surface area)			6		
Enrichment/consolodation activities			0		
Block Assessment (5 <sup>th</sup> week after Christmas Holidays).			3		
Total Time			33		

Resource Treaty 8h     Resource (hours)       NMM Factors, Multiples and Primes     MIH 3:05a I have investigated strategies for identifying common multiples and common factors, explaining my ideas to others, and can apply my understanding to solve related problems. <ul> <li>Multiples and Lowest Common Multiple.</li> <li>Pactors and Highest Common Factor.</li> <li>Pages 50-33</li> <li>L&amp;L 50-59</li> <li>A</li> </ul> Rich Tasks:           NMM         MU13-06a Having explored the notation and vocabulary associated with whole number powers and powers and the advantages of writing numbers in this form, I can evaluate powers of whole numbers mentally or using technology. <ul> <li>Square and cube roots.</li> </ul> <ul> <li>Pages 118-135</li> <li>Stern and Leaf Diagrams.</li> <li>L&amp;L 254 - 263</li> <li>Stern and Leaf Diagrams.</li> <li>Stern and Leaf Diagrams.</li> <li>L&amp;L 254 - 263</li> <li>Stern and Leaf Diagrams.</li> <li>L&amp;L 254 - 263</li> <li>Stern and Leaf Diagrams.</li> <li>L&amp;L 213-215</li> <li>A</li> </ul> SPM – Angles and triangles     MH13-17a I can name angles and find their sizes using my knowledge of the properties of a range of 2D shapes and the a	Topic	EO	Content	Suggested	Time
MIH 3:05 Multiples and Primes         MIH 3:05 There investigated strategies for identifying common multiples and common factors, explaining my ideas to others, and can apply my understanding to solve related problems.         • Multiples and Lowest Common Multiple. • Factors and Highest Common Factor. • Prime numbers.         Pages 20:33 L&L 50:59         4           Extension: Prime Consolidation:	1			Resource	(hours)
NMM Fractors       MTI 3-05a       > Multiples and Lowest Common Multiple.       Pages 26-33       4         Williples and Lowest Common Multiple.       Pictors and Highest Common Factor.       Pictors and Highest Common Factors.				Teejay 3b	
Multiples and primes       I have investigated strategies for identifying common multiples and common related problems. <ul> <li>Prime numbers.</li> <li>Prime numbers.</li> <li>Prime numbers.</li> <li>Prime numbers.</li> <li>Prime numbers.</li> <li>I L&amp;L 50-59</li> <li>Prime numbers.</li> </ul> Rich Tasks: <ul> <li>Squares, cubes and powers.</li> <li>L&amp;L 60-63</li> <li>Squares, cubes and powers.</li> <li>Squares, cubes and powers.</li> <li>Squares, cubes and powers.</li> <li>Squares, cubes and powers.</li> <li>L&amp;L 60-63</li> </ul> Rich Tasks: <ul> <li>Consolidation:</li> <li>Extension:</li> <li>Consolidation:</li> </ul> <ul> <li>Squares and line graphs (revision).</li> <li>L&amp;L 60-63</li> <li>Stem and Leaf Diagrams.</li> <li>L&amp;L 254-263</li> <li>Stem and Leaf Diagrams.</li> <li>L&amp;L 254-263</li> <li>Stem and Leaf Diagrams.</li> <li>L&amp;L 254-263</li> <li>Stem and line graphs (revision).</li> <li>Stem and Leaf Diagrams.</li> <li>L&amp;L 254-263</li> <li>Stem and Leaf Diagrams.</li> <li>L&amp;L 254-263</li> <li>Stem and Leaf Diagrams.</li> <li>L&amp;L 254-263</li> <li>L&amp;L 21-265</li> <li>Stem and Leaf Diagrams.</li> <li>L&amp;L 212-263</li> <li>L&amp;L 212-263</li></ul>	NMM Factors,	<u>MTH 3-05a</u>	<ul> <li>Multiples and Lowest Common Multiple.</li> </ul>	Pages 26-33	4
Primes       factors, explaining my ideas to others, and can apply my understanding to solve related problems.       o       Prime numbers.         Extension: Prime Consolidation:       Extension: Prime decomposition            Consolidation:       Rich Tasks:             NMM       MNU 3-08a Having explored the notation and vocabulary associated with whole number powers and Roots       o       Squares, cubes and powers.       Pages 8-11 L&L 60-63       3         Powers and Roots       MNU 3-08a Having explored the notation and vocabulary associated with whole number powers of whole numbers mentally or using technology.       o       Square and cube roots.       Pages 8-11 L&L 60-63       3         Extension:       Consolidation:         Square and cube roots.       Pages 118-135 L&L 254 - 263       3         Information handling       I can work collaboratively, making appropriate use of technology, to source information presented in a range of ways, interpret what it conveys and discuss whether bleive the information to be robust, vague or misleading.       o       Stem and Leaf Diagrams.       Pages 118-135 L&L 254 - 263       3         Extension:       Consolidation:         Stem and Leaf Diagrams.       L&L 254 - 263 L&L 254 - 263       4         Kich Tasks:	Multiples and	I have investigated strategies for identifying common multiples and common	<ul> <li>Factors and Highest Common Factor.</li> </ul>	L&L 50-59	
related problems.       -       -       -         Extension: Prime decomposition       -	Primes	factors, explaining my ideas to others, and can apply my understanding to solve	• Prime numbers.		
Extension: Prime decomposition     Consolidation:     Pages 8-11       Rich Tasks:     0     Squares, cubes and powers. Powers and the advantages of writing numbers in this form. I can evaluate powers and the advantages of writing numbers in this form. I can evaluate powers and the advantages of writing numbers in this form. I can evaluate powers of whole numbers mentally or using technology.     0     Square and cube roots.     Pages 8-11 L&L 60-63     3       Extension:     Consolidation:		related problems.			
Consolidation:       Rich Tasks:       Pages N=11         NMM       MNU 3-08a       Pages 8-11       L&L 60-63       3         Powers and the advantages of writing numbers in this form, I can evaluate powers of whole numbers mentally or using technology.       o       Square and cube roots.       Pages 8-11       L&L 60-63       3         Extension:       Consolidation:       normation       NMU 3-20a MTH 3-20h MTH 3-21a       o       Bar graphs and line graphs (revision).       Pages 118-125       3         Information       I can work collaboratively, making appropriate use of technology, to source information on presented in a range of ways, interpret what it conveys and discuss whether 1 believe the information to be robust, vague or misleading.       o       Bar graphs and line graphs (revision).       Pages 118-125       3         Extension: Spreadsheets, Bias in data collection       Consolidation:       s       o       Stem and Leaf Diagrams.       L&L 254 - 263       4         Rich Tasks:	Extension: Prim	e decomposition			
Consolidation:       Rich Tasks:       Pages 8.11         NMM       MNU 3-08s       Pages 8.11         Powers and Roots       Having explored the notation and vocabulary associated with whole number powers and the advantages of writing numbers in this form, I can evaluate powers of whole numbers mentally or using technology. <sup>o</sup> Squares, cubes and powers. <sup>o</sup> Square and cube roots.       Pages 8-11 <sup>3</sup> Consolidation: <sup>o</sup> Square and cube roots. <sup>o</sup> Square and cube roots. <sup>b</sup> Rich Tasks: <sup>o</sup> Stem and Line graphs (revision). <sup>Pages 118-135</sup> <sup>o</sup> Stem and Leaf Diagrams. <sup>o</sup> Stem and Leaf Diagrams. <sup>b</sup> Information handling <sup>MNU 3-20a MTH 3-20h MTH 3-21a <sup>mont</sup> (revision).          <sup>o</sup> Stem and Leaf Diagrams.          <sup>Pages 118-135</sup> <sup>o</sup> Stem and Leaf Diagrams.          <sup>a</sup>         Extension: Spreadsheets, Bias in data collection          <sup>o</sup> Corresponding Angles           <sup>o</sup> Alternate angles           <sup>a</sup>         SPM - Angles and triangles          <sup>MIH 3-17a</sup> <sup>range of 2D shapes and the angle properties associated with intersecting and <sup>a</sup> parallel lines.          <sup>o</sup> Corresponding Angles <sup>o</sup> Alternate angles           <sup>Pages 56-63</sup> <sup>la</sup> L&amp;L 213-215           <sup>4</sup> </sup></sup>					
Rich Tasks:       o       Square and cube roots.       Pages 8-11       3         Powers and Roots       Having explored the notation and vocabulary associated with whole number powers and the advantages of writing numbers in fisform, I can evaluate powers of whole numbers mentally or using technology.       o       Square and cube roots.       Pages 8-11       3         Extension:       Consolidation:       -       -       Square and cube roots.       L&L 60-63       3         Rich Tasks:       -	Consolidation:				
Rich Tasks:       Import Section 1       MNU 3-08a       Pages 8-11       A         Powers and Powers and the advantages of writing numbers in this form, I can evaluate powers of whole numbers mentally or using technology. <ul> <li>Square and cube roots.</li> <li>Square and cube roots.</li> <li>Square and cube roots.</li> <li>Pages 8-11</li> <li>L&amp;L 60-63</li> <li>Take 60-63</li> </ul> Extension:         Consolidation: <ul> <li>Rich Tasks:</li> <li>Information</li> <li>I can work collaboratively, making appropriate use of technology, to source information Click on link for full E&amp;O</li> <li>Stem and Leaf Diagrams.</li> <li>Stem and Leaf Diagrams.</li> <li>L&amp;L 254 - 263</li> <li>L&amp;L 254 - 263</li> <li>Rich Tasks:</li> <li>Consolidation:</li> </ul> Rich Tasks: <ul> <li>O Bar graphs and line graphs (revision).</li> <li>Stem and Leaf Diagrams.</li> <li>Reverse and triangles and triangles and find their sizes using my knowledge of the properties of a range of 2D shapes and find their sizes using my knowledge of the properties of a range of 2D shapes and the angle properties associated with intersecting and parallel lines.</li> <li>Problems involving all angles</li> </ul> <ul> <li>Pages 56-63</li> <li>Att 213-215</li> </ul>					
NMM       MNU 3-08a       MNU 3-08a       Pages 8-11       3         Powers and       Having explored the notation and vocabulary associated with whole number powers and the advantages of writing numbers in this form. I can evaluate powers of whole numbers mentally or using technology.       o       Squares, cubes and powers.       Pages 8-11       L&L 60-63       3         Extension:       Consolidation:       Rich Tasks:                3         3          3         3         3          3         3         3         3          3         3           Square and cube roots.                  Square and cube roots. <t< td=""><td>Rich Tasks:</td><td></td><td></td><td></td><td></td></t<>	Rich Tasks:				
Powers and Roots       Having explored the notation and vocabulary associated with whole number powers and the advantages of writing numbers in this form, I can evaluate powers of whole numbers mentally or using technology.       • Square and cube roots.       L&L 60-63         Extension:       Extension:       -       -         Consolidation:       -       -       -         Rich Tasks:       -       -       -         Information handling       MNU 3-20a MTH 3-20b MTH 3-21a I can work collaboratively, making appropriate use of technology, to source information presented in a range of ways, interpret what it conveys and discuss whether I believe the information to be robust, vague or misleading. When analysing information Click on link for full E&O       • Bar graphs and line graphs (revision). • Stem and Leaf Diagrams.       Pages 118-135 L&L 254 - 263       3         Rich Tasks:       -       -       -       -       -         When analysing information Click on link for full E&O       -       -       -         Consolidation:       -       -       -       -         Rich Tasks:       -       -       -       -         -       -       -       -       -       -         SPM – Angles and triangles       MTH 3-17a I can name angles and find their sizes using my knowledge of the properties of a range of 2D shapes and the angle properties associated with intersecting and parallel lines.	NMM	MNU 3-08a	• Squares, cubes and powers.	Pages 8-11	3
Roots       powers and the advantages of writing numbers in this form, I can evaluate       Image: Consolidation is the information of the information of the information of the information of the information to be robust, vague or misleading. When analysing information Click on link for full E&O       Image: Consolidation is the information of the information is consolidation.       Image: Click on link for full E&O       Image: Click on link for full E&O       Pages 118-135       3         Extension:       SPM - Angles and triangles       MTH 3-17a       I can name angles and find their sizes using my knowledge of the properties of a paragraph intersecting and parallel lines.       I conversion of the information presented in a formation intersecting and parallel lines.       I conversion intersecting and parallel lines.       Pages 56-63       4	Powers and	Having explored the notation and vocabulary associated with whole number	• Square and cube roots.	L&L 60-63	
powers of whole numbers mentally or using technology.	Roots	powers and the advantages of writing numbers in this form, I can evaluate			
Extension:       Consolidation:       Important and the properties of a and triangles		powers of whole numbers mentally or using technology.			
Consolidation:       Rich Tasks:       Information       MNU 3-20a MTH 3-20b MTH 3-21a       Pages 118-135       3         Information       I can work collaboratively, making appropriate use of technology, to source information presented in a range of ways, interpret what it conveys and discuss whether I believe the information to be robust, vague or misleading. When analysing information Click on link for full E&O <ul> <li>Stem and Leaf Diagrams.</li> <li>Stem and Leaf Diagrams.</li> <li>L&amp;L 254 - 263</li> <li>MCH asks:</li> <li>Consolidation:</li> </ul> <ul> <li>Consolidation:</li> <li>Rich Tasks:</li> <li>Second and the angles and find their sizes using my knowledge of the properties of a range of 2D shapes and the angle properties associated with intersecting and parallel lines.</li> </ul> <ul> <li>O Corresponding Angles involving all angles</li> <li>Problems involving all angles</li> </ul> <ul> <li>Pages 56-63</li> <li>A transmite the appropriate associated with intersecting and parallel lines.</li> </ul> <ul> <li>Problems involving all angles</li> <li>Problems involving all angles</li> </ul> <ul> <li>Pages 56-63</li> <li>A transmite tr</li></ul>	Extension:				
Consolidation:       Rich Tasks: <ul> <li>Andling</li> <li>MNU 3-20a MTH 3-20b MTH 3-21a</li> <li>Can work collaboratively, making appropriate use of technology, to source information presented in a range of ways, interpret what it conveys and discuss whether I believe the information to be robust, vague or misleading. When analysing information Click on link for full E&amp;O</li> </ul> <ul> <li>Stem and Leaf Diagrams.</li> <li>Stem and Leaf Diagrams.</li> <li>L&amp;L 254 - 263</li> <li>L&amp;L 254 - 263</li> <li>Stem and Leaf Diagrams.</li> </ul> <ul> <li>Stem and Leaf Diagrams.</li> <li>L&amp;L 254 - 263</li> <li>L&amp;L 254 - 263</li> <li>Stem and Leaf Diagrams.</li> <li>Stem and Leaf Diagrams.</li> </ul> <ul> <li>Stem and Leaf Diagrams.</li> <li>L&amp;L 254 - 263</li> <li>L&amp;L 254 - 263</li> <li>Stem and Leaf Diagrams.</li> <li>Stem and Leaf Diagrams.</li></ul>					
Rich Tasks:       Information       MNU 3-20a MTH 3-20b MTH 3-21a I can work collaboratively, making appropriate use of technology, to source information presented in a range of ways, interpret what it conveys and discuss whether I believe the information to be robust, vague or misleading. When analysing information Click on link for full E&O	Consolidation:				
Rich Tasks:       Information       MNU 3-20a MTH 3-21a       o       Bar graphs and line graphs (revision).       Pages 118-135       3         handling       I can work collaboratively, making appropriate use of technology, to source information presented in a range of ways, interpret what it conveys and discuss whether I believe the information Click on link for full E&O       o       Bar graphs and line graphs (revision).       Pages 118-135       3         Extension: Spreadsheets, Bias in data collection       Consolidation:       Consolidation       -       -       -         Rich Tasks:       -       -       -       -       -       -       -         SPM – Angles and triangles       MTH 3-17a I can name angles and find their sizes using my knowledge of the properties of a range of 2D shapes and the angle properties associated with intersecting and parallel lines.       o       Corresponding Angles or Problems involving all angles       Pages 56-63       4					
Information handling       MNU 3-20a MTH 3-20b MTH 3-21a I can work collaboratively, making appropriate use of technology, to source information presented in a range of ways, interpret what it conveys and discuss whether I believe the information to be robust, vague or misleading. When analysing information Click on link for full E&O	Rich Tasks:				
handling       I can work collaboratively, making appropriate use of technology, to source information presented in a range of ways, interpret what it conveys and discuss whether I believe the information to be robust, vague or misleading. When analysing information Click on link for full E&O	Information	MNU 3-20a MTH 3-20b MTH 3-21a	$\circ$ Bar graphs and line graphs (revision).	Pages 118-135	3
information presented in a range of Ways, interpret what it conveys and discuss whether I believe the information to be robust, vague or misleading. When analysing information Click on link for full E&O       Image: Construction of the conversion of the co	handling	I can work collaboratively, making appropriate use of technology, to source	• Stem and Leaf Diagrams.	L&L 254 – 263	
whether I believe the information to be robust, vague or misleading. When analysing information Click on link for full E&O       Image: Click on link for full E&O         Extension: Spreadsheets, Bias in data collection       Image: Consolidation:       Image: Click on link for full E&O         Rich Tasks:       Image: Click on link for full E&O       Image: Click on link for full E&O         SPM – Angles and triangles       Image: Click on link for full E&O       Image: Click on link for full E&O         SPM – Angles and triangles       Image: Click on link for full E&O       Image: Click on link for full E&O         SPM – Angles and triangles       Image: Click on link for full E&O       Image: Click on link for full E&O         SPM – Angles and triangles       Image: Click on link for full E&O       Image: Click on link for full E&O         SPM – Angles and triangles       Image: Click on link for full E&O       Image: Click on link for full E&O         SPM – Angles and the angle properties associated with intersecting and parallel lines.       Image: Click on link for full E&O       Image: Click on link for full E&O         SPM – Angles and find their sizes using my knowledge of the properties of a range of 2D shapes and the angle properties associated with intersecting and parallel lines.       Image: Click on link for full E&O       Image: Click on link for full E&O	U	information presented in a range of ways, interpret what it conveys and discuss			
When analysing information Click on link for full E&O       Image: Consolidation         Extension: Spreadsheets, Bias in data collection       Image: Consolidation:         Consolidation:       Image: Consolidation:         Rich Tasks:       Image: Consolidation:         SPM – Angles and triangles       MTH 3-17a mane angles and find their sizes using my knowledge of the properties of a range of 2D shapes and the angle properties associated with intersecting and parallel lines.       Image: Corresponding Angles minimized mane angles involving all angles		whether I believe the information to be robust, vague or misleading.			
Extension: Spreadsheets, Bias in data collection Consolidation: Rich Tasks: Rich Tasks: SPM – Angles and triangles MTH 3-17a I can name angles and find their sizes using my knowledge of the properties of a range of 2D shapes and the angle properties associated with intersecting and parallel lines. O Corresponding Angles		When analysing information Click on link for full E&O			
Consolidation: Rich Tasks: SPM – Angles and triangles MTH 3-17a I can name angles and find their sizes using my knowledge of the properties of a range of 2D shapes and the angle properties associated with intersecting and parallel lines. Description of the properties of a o Problems involving all angles Pages 56-63 L&L 213-215 Contemponding Angles O Problems involving all angles Contemponding Angles O Problems involving all angles Contemponding Angles Conte	Extension: Spre	adsheets, Bias in data collection			
Consolidation:       Rich Tasks:       Image: Spectral system of 2D shapes and the angle properties associated with intersecting and parallel lines.       Image: Spectral system of 2D shapes and the angle properties associated with intersecting and the angle p	-				
Mith 3-17a     O     Corresponding Angles       and triangles     MTH 3-17a     O       I can name angles and find their sizes using my knowledge of the properties of a range of 2D shapes and the angle properties associated with intersecting and parallel lines.     O     Corresponding Angles     Pages 56-63     4	Consolidation:				
MTH 3-17a     Output       and triangles     MTH 3-17a       I can name angles and find their sizes using my knowledge of the properties of a and triangles     Output       SPM - Angles and find their sizes using my knowledge of the properties of a parallel lines.     Output       SPM - Angles and find their sizes using my knowledge of the properties of a parallel lines.     Output					
SPM - Angles and triangles     MTH 3-17a I can name angles and find their sizes using my knowledge of the properties of a range of 2D shapes and the angle properties associated with intersecting and parallel lines.          • Corresponding Angles • Alternate angles • Problems involving all angles         • P	Rich Tasks:				
SPM – Angles and triangles       MTH 3-17a I can name angles and find their sizes using my knowledge of the properties of a range of 2D shapes and the angle properties associated with intersecting and parallel lines.					
SPM - Angles and trianglesMTH 3-17a I can name angles and find their sizes using my knowledge of the properties of a range of 2D shapes and the angle properties associated with intersecting and parallel lines.oCorresponding Angles OPages 56-63 L&L 213-21540Alternate angles OProblems involving all anglesL&L 213-2154					
and triangles I can name angles and find their sizes using my knowledge of the properties of a range of 2D shapes and the angle properties associated with intersecting and parallel lines.	SPM – Angles	MTH 3-17a	• Corresponding Angles	Pages 56-63	4
range of 2D shapes and the angle properties associated with intersecting and o Problems involving all angles parallel lines.	and triangles	I can name angles and find their sizes using my knowledge of the properties of a	• Alternate angles	L&L 213-215	
parallel lines.	U	range of 2D shapes and the angle properties associated with intersecting and	• Problems involving all angles		
		parallel lines.			
Extension:	Extension:				
Consolidation:	Consolidation:				

## S1 Block 3 – Upper and Middle Course – Weeks 7-12 of term 3 plus Weeks 1-6 of term 4

Rich Tasks:					
NMM	<u>MNU 3-07a MNU3-08a MNU 3-09a</u>	0	Multiplying fractions including mixed numbers.	Pages 75-80	3
Fractions 2	As term 2	0	Dividing fractions including mixed numbers.	L&L 65-68 ( no	
		0	Mixed problems with all 4 operations.	division)	
Extension:					
Consolidation:					
Rich Tasks:					
NMM	<u>MTH 3-15a</u>	0	Revise basic equations up to $3x - 4 = 11$ .	pages 46-54	6
Algebra 2	Having discussed ways to express problems or statements using mathematical	0	Equations with letters both sides or brackets.	L&L P177-187	
	language, I can construct, and use appropriate methods to solve, a range of				
	simple equations.				
Extension: Solv	ng inequalities. Equations with letters both sides and brackets. Equations wi	ith fract	ons.		
Consolidation:					
Rich Tasks:					
SPM	<u>MTH 3-17b MTH 3-17c</u>	0	Enlargement/reduction.	pages 82-94	4
Bearings and	Having investigated navigation in the world, I can apply my understanding of	0	Using scale drawings to calculate lengths.	L&L 226-247	
Scale Drawings	bearings and scale to interpret maps and plans and create accurate plans, and	0	Making basic scale drawings.	(selection)	
	scale drawings of routes and journeys.				
	I can apply my understanding of scale when enlarging or reducing pictures and				
	shapes, using different methods, including technology.				
Extension: Scale drawings with a protractor, scale drawings with a protractor.					
Consolidation:					
Rich Tasks:					
Enrichment/consolodation activities			6		
Block Assessment (5 <sup>th</sup> or 6 <sup>th</sup> week after Easter Holidays).			3		
Total Time			36		