

S5 National 5 - Remote Learning Plan

- Teejay N5 textbook
- Edmodo - S5 National 5 Mathematics Code
- www.mathsworkout.co.uk

Username: Dalziel Password: Formula29

	Topic	Resources
Week 1 + 2	Surds	
	<ul style="list-style-type: none"> • Simplifying surds • Adding/Subtracting • Multiplying 	<ul style="list-style-type: none"> • PowerPoint • Textbook Ch 17 Ex 17.2 Page 171 Q1, 2, 7 • Surd Worksheet • Maths Workout <i>Number 21</i>
	<ul style="list-style-type: none"> • Rationalising the denominator of a surd 	<ul style="list-style-type: none"> • PowerPoint • Textbook Ch 17 Page 172 Q10 • Surd Worksheet • Maths Workout <i>Number 21 - Surds 2 target 2</i>
	Indices	
	<ul style="list-style-type: none"> • Multiply indices 	<ul style="list-style-type: none"> • PowerPoint • Textbook Ch 17 Ex 17.4 Page 174 Q1 - 4 • Indices Worksheet • Maths Workout <i>Number 21</i>
	<ul style="list-style-type: none"> • Divide indices 	<ul style="list-style-type: none"> • PowerPoint • Textbook Ch 17 Ex 17.4 Page 174 Q5 - 6 • Indices Worksheet • Maths Workout <i>Number 21</i>
	<ul style="list-style-type: none"> • Power to a power $(a^m)^n = a^{mn}$ 	<ul style="list-style-type: none"> • PowerPoint • Textbook Ch 17 Ex 17.4 Page 174 Q7, 8, 11 • Indices Worksheet • Maths Workout <i>Number 21</i>
	<ul style="list-style-type: none"> • $a^0 = 1$ and negative indices 	<ul style="list-style-type: none"> • PowerPoint • Textbook Ch 17 Ex 17.4 Page 174 Q12 + Q14,17 • Indices Worksheet

		<ul style="list-style-type: none"> Maths Workout <i>Number 21</i>
	<ul style="list-style-type: none"> Fractional indices 	<ul style="list-style-type: none"> PowerPoint Textbook Ch 17 Ex 17.5 Page 177 Q1-3 Indices Worksheet Maths Workout <i>Number 21</i>
Week 3	Algebra - Multiplying out brackets	<ul style="list-style-type: none"> PowerPoint Textbook Ch 1 Ex 1.1 Page 13 Q1-4 Maths workout - Algebra and Problem Solving 3
	<ul style="list-style-type: none"> Revision - $a(bx+c)$ and $ax(bx+c)$ 	
	<ul style="list-style-type: none"> Multiplying out double brackets 	<ul style="list-style-type: none"> PowerPoint Textbook Ch 1 Ex 1.2 Page 14 Q1-5, 7 Maths workout - Algebra and Problem Solving 16 - Quadratics 1 target 5
	<ul style="list-style-type: none"> Multiplying out $(ax + b)(cx^2 + dx + e)$ 	<ul style="list-style-type: none"> PowerPoint Textbook Ch 1 Ex 1.2 Page 14 Q6
Week 4 + 5	Algebra - Factorising	<ul style="list-style-type: none"> PowerPoint Textbook Ch 7 Ex 7.1 Page 65 Q1-3 Maths workout - Algebra and Problem Solving 4
	<ul style="list-style-type: none"> Highest common factor 	
	<ul style="list-style-type: none"> Difference of two squares 	<ul style="list-style-type: none"> PowerPoint Textbook Ch 7 Ex 7.2 Page 66 Q1
	<ul style="list-style-type: none"> HCF then Difference of two squares 	<ul style="list-style-type: none"> PowerPoint Textbook Ch 7 Ex 7.2 Page 66 Q2
	<ul style="list-style-type: none"> Trinomials - basic 	<ul style="list-style-type: none"> PowerPoint Textbook Ch 7 Ex 7.3 Page 67 Q1-2 Maths workout - Algebra and Problem Solving 16 - Quadratics 2 target 1 task 4,5
	<ul style="list-style-type: none"> Trinomials - coefficients 	<ul style="list-style-type: none"> PowerPoint

		<ul style="list-style-type: none"> Textbook Ch 7 Ex 7.3 Page 68 Q3 Maths workout - Algebra and Problem Solving 16 - Quadratics 2 target 1 task 7
	<ul style="list-style-type: none"> Mixed factorisation - order of factorisation 	<ul style="list-style-type: none"> PowerPoint Textbook Ch 7 Ex 7.4 Page 69 Q1-20
Week 6 + 7	Algebraic Fractions	<ul style="list-style-type: none"> PowerPoint Textbook Ch 9 Ex 9.1 Page 90/91 ALL Maths workout - Algebra and Problem Solving 18 target 1
	<ul style="list-style-type: none"> Simplifying 	
	<ul style="list-style-type: none"> Simplifying by factorising 	<ul style="list-style-type: none"> PowerPoint Textbook Ch 9 Ex 9.2 Page 92 ALL Maths workout - Algebra and Problem Solving 18 target 2
	<ul style="list-style-type: none"> Multiplying/Dividing 	<ul style="list-style-type: none"> PowerPoint Textbook Ch 9 Ex 9.4 Page 95 Q1-7 Maths workout - Algebra and Problem Solving 18 target 3
	<ul style="list-style-type: none"> Adding/Subtracting 	<ul style="list-style-type: none"> PowerPoint Textbook Ch 9 Ex 9.3 Page 93 Q1-8 Maths workout - Algebra and Problem Solving 18 target 4
Week 8	<ul style="list-style-type: none"> Review of Algebraic Fractions 	<ul style="list-style-type: none"> Remember Remember Page 96