Higher Pupil Record Sheet- Unit 2

	NS	ОТ	VG
Using the factor theorem to identify factors of a polynomial		<u> </u>	<u> </u>
Using synthetic division to fully factorise a polynomial			
Using the factor theorem to calculate unknown coefficients			
Using the remainder theorem to find the quotient and remainder			
Determine the x and y-intercepts for a graph of a polynomial			
Determine the function of a polynomial from its graph			
Solving Polynomial equations			
Determine points of intersection between straight lines and curves, or two curves			
Using the discriminant to determine unknown coefficients in quadratic equations			
Solving quadratic inequalities			
L&L Higher Ch 7 P 136-169			
Relationships 1.2. Solving Trig Equations	NS	ОТ	VG
Solving linear trig equations in degrees			
Solving linear trig equations with compound angles in degrees			
Solving quadratic trig equations in degrees			
Solving linear, compound and quadratic trig equations in radians			
Solve equations in degrees and radians using $\sin^2 x + \cos^2 x = 1$			
Solve equations in degrees and radians using double angle formulae			
Solving trig equations using the wave function			
Solving further trig equations in degrees or radians			
L&L Higher Ch 8 P 170 – 201			
Relationships 1.3 Differentiation	NS	ОТ	VG
Differentiating functions			
Differentiate simple expressions in the form ax ⁿ			
Express a function in differentiable form, then differentiate			
Evaluate derivatives to find rate of change or the gradient of a curve			
Differentiate triggenemetrie functions			
Differentiate trigonometric functions			
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