


Year 9 – Lesson by lesson – Autumn – Higher Week A – 3 hours. Week B – 4 hours

PKC means “Prior Knowledge Check” at the start of each chapter.

Key Words
 Unit 1 –
 Unit 2 -

Low Stakes Test
 Autumn 1 –

Final Ten
 Autumn 1 – Higher - [Click me](#)

Week number	Date (wb)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Unit	Possible HM HWK	
1 (A)	6 th Sept	PKC Unit and HM Standards						
2 (B)	13 th Sept	Number problem and reasoning		Place value and estimating				
		Combinations		Estimation (including roots and powers)	Checking calculations			
3 (A)	20 th Sept	HCF and LCM						
		HCF and LCM via prime factor form	HCF and LCM using Venn Diagrams	Real life and problem solving				
4 (B)	27 th Sept	Calculating with powers						
		Use index laws of multiplying, dividing	Negative, zero and fractional powers.	Fractional powers				

5 (A)	4 th Oct	Standard form		Expand and factorise				
		Conversions between SF and ordinary numbers	Calculations (calculator and non calc)	Collect like terms.				
6 (B)	11 th Oct	Expand		Factorise				
		Expand multiple single brackets.	Expand single brackets containing a surd.	Factorise into a single bracket.	Factorise a recurring bracket.			
7 (A)	4 th Oct	Solving equations.						
		Unknown on both sides (integer answers)	Unknown on both sides (negative / fractional answers)	Unknown on both sides with brackets				
8 (B)	11 th Oct	Solving equations						
		Fractions on one side	Fractions on both sides.	Wordy problems (angles in triangles etc)				
9 (A)	18 th Oct	Solving equations	Surds					
		Wordy problems	Simplifying surds	Solving equations with surds				
	25 th Oct	HALF TERM						
10 (B)	1 st Nov	Surds			PKC Unit 2 (inc. expression, identity, equation, formula)			
		Solving equations with surds	Rationalising and problem solving					
11 (A)	8 th Nov	Algebraic indices						
		Roots / fractions		Multiply and divide				
12 (B)	15 th Nov	Formula						
		Using formulae		Change subject of				

13 (A)	22 nd Nov	Linear sequences Linear Sequences		Non linear sequences		2	
		Using nth term and modelling		Geometric			
15 (B)	29 th Nov	Non Linear sequences					
		Quadratic		Quadratic		Quadratic	
16 (A)	6 th Dec	Non linear sequences	Assessment on Chapters 1 and 2				
		Quadratic					