Advanced Higher Maths: Work covered up until 3rd July

Month	Topic	Approx. No. of Wks	Start Date	End Date
June	**Binomial Theorem**	*1*	2nd June	9th June
Scholar	Factorials Pg 4 to 8 Qs 8 to 38 Expansions Pg12/13 Qs 42 to 58 Finding a Coefficient Pg 15 Qs 59 to 65 Applications Pg 17 Qs 66 & 67		**MIA Bk**	Pg 7 Q4 to 6 & 7a Pg 10/11 Q 1a & 4a
	Algebraic Division & Partial Fractions	*1.5*	10th June	19th June
Scholar	Algebraic Division Pg 30 Qs 103 to 107 PFs Type 1A Pg 21 Qs 68 to 72 PFs Type 1B Pg 22 Qs 73 to 77 PFs Type 2A Pg 23 Qs 78 to 81 PFs Type 2B Pg 24 Qs 82 to 85 PFs Type 2C Pg 25 Qs 86 to 89 PFs Type 2D Pg 26 Qs 90 to 93 PFs Mixed Pg 27 Qs 96 to 102 PFs Review Pg 35 Qs 108 to 115 PFs Advanced ReviewPg 36 Qs 116 to 121 PFs Set Review Pg 36 Qs 122 to 125 **Homework for Wed 25th June: Bin Exp & PFs**			
	Due Tree of Knowledge & DofE extended into Wk 2	*0.5*		
	System of Equations	*1*	23rd June	30th June
Scholar	Matrix Structure Pg 173 Qs 4 to 8 Formation of a Matrix Pg 178 Qs 9 & 10 Upper Triangular Pg 181 Qs 11 to 16 Gaussian Elimination Pg 183 Qs 17 to 19 Solutions Pg 190 Qs 20 & 21 Ill-Conditioning Pg 191 Qs 22 & 23 Review Pg 194 Qs 24 to 27 Advanced Review Pg 194 Qs28 to 30 Set Review Pg 195 Qs 31 to 33 **Homework for Wed 2nd July: Matrices**		**MIA Bk**	Pg 126/127 Q2