Advanced Higher Planner for Feb 2015

Date			Topic	Questions	Homework Due
February	9th		**Matrices**	**Intro & Multiplying Matrices**	**NAB Prac for Wed**
				Determinant & Inverse (upto 2x2)	
				NAB Prep	
				Wednesday Unit 2 NAB	
				Inverse ERO's, Transpose & Props	**2002 PPQs AS HWK**
19th Feb	Th		**Matrices**	**Matrices & Transformations**	**DUE TODAY: 2002 PPQs**
23rd Feb	M		**Further Sequence**	**MacLaurin Expansion**	
	T			**More complex expansions**	
	W			**Further MacLaurin Series**	
	W			**Iterative Schemes**	
	Th			**Order of Convergence**	**-**
2nd March	M		**Sequence & Series**	**Combination PPQ Style Qs**	**DUE TODAY: 2003 PPQs**
	T		**Further Diff Eqns**	**1st Order Linear Differential Equations**	
	W			**Solving 1st Order ODEs**	**(Apps later in PPQs due to timescale)**
	W			**2nd Order Differential Equations**	
	Th			**Homogeneous -> Initial Value Problems**	**-**

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9th March	M	**Further Diff Eqns**	**Non-Homog & Particular Integrals**	**DUE TODAY: MacLaurin PPQs**
	T		**Particular Solutions**	
	W	**Vectors**	**Properties & Vector Product**	
	W		**Scalar Triple Product**	
	Th		**Lines in 3D Space (Eq of a Line)**	
16th March	M	**Vectors**	**Parametric, Vector & Symmetric**	**DUE TODAY: ODEs PPQs**
	T		**Lines: Intersection of & angle between**	
	W		**Planes in 3D: Equation of a plane**	
	W		**Planes: Line of intersection & angle**	
	Th		**Intersection of 3 Planes**	
23rd March	M	**Vectors**	**Lines & Planes: Angle & Intersection**	**DUE TODAY: Prac U3 No.1**
	T	**Number Theory**	**Division Algorithm & Number Bases**	
	W		**Euclidean Algorithm & gcd**	**U3 Additional Prac**
	W		**Euclidean Algorithm & Solutions**	
	Th	**Proofs**	**Recap on Proofs from Unit 2**	
	Th P7		**NAB Prep in STUDY PERIOD**	
	FRI P2		**NAB P2 STUDY PERIOD**	
30th March	M	**Vectors**	**PPQs to bring topic together**	**Now prep for Mini Prelim**
	T	**Miscellaneous**	**Base Qs; Iteration Qs, Matrices PPQs**	
	W	**Miscellaneous**	**Matrix (Induction, Alg, Transforms)**	**Mini prelim Wed after break**
	W	**Proofs**	**Review Proofs from Unit 2**	**Recap on Proofs from Unit 2**
	Th	**Proofs**	**Induction involving inequalities**	

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