

Maths Ext 1 Study Timetable

	MON	TUE	WED	THURS	FRI	SAT	SUN
WEEK 1	3 OCT	4	5	6	7	8	9
WEEK 2	10	11 Inequalities w/ Variable in Denominator Solving Log & Exponential Ineq's Internal/External Division of an Interval	12 Angle b/w Lines Circles, Chords & Arcs Angles: Centre & Circumference Angles: Same Segment Cyclic Quadrilaterals	13 Alternate Segment Theorem Tangents and Radii Chord, Secant & Tangent Products Circle Geometry Q's	14 Harder Curve Sketching Compound Angles The t-Formula The Auxiliary Angle 3D Trigonometry Intro to Induction	15 Induction - Division Inequalities Induction - Sum of a Series Cartesian: Tangents & Normals	16 Intro to Parametrics Parametric Equations of a Curve Parametric Tangents & Normals Parametrics: Chords of a Parabola
WEEK 3	17 Chord of Contact Locus Q's Involving Parametrics Proofs on the Parabola The Reflection Theorem	18 Harder Parametric Proof Q's Reverse Chain Rule Integrating Harder Trig Expressions Harder Rates of Change	19 Growth & Decay Velocity & Acceleration Cartesian Equation of the Path Projectile Motion	20 Simple Harmonic Motion Inverse Functions Inverse Trig & Curves Differentiating Inverse Trig	21 Inverse Trig: Graphs General Solutions: $\sin x = a$ General Solutions: $\sin x = \sin a$ Intro to Polynomials	22 Sketching Polynomial Zeros & Co-Efficients of Polynomials Polynomial Long Division Halving the Interval	23 Newton's Method The Remainder Theorem The Factor Theorem Pascal's Triangle Binomial Notation
WEEK 4	24 Binomial Theorem nPr & nCr Greatest Coefficient Greatest Term Factorial Notation	25 Binomial Probability Binomial Identities Harder Max & Min	26 Maths Ext 1 Exam (at 1:55pm, don't forget!)	27 Good luck!	28	29	30