

IGCSE Additional Mathematics Grade 9  
Week wise Syllabus  
2016-2017

Week	Weekly Break-Up
29 <sup>th</sup> March- 1 <sup>st</sup> April 4 <sup>th</sup> - 8 <sup>th</sup> April 11 <sup>th</sup> -15 <sup>th</sup> April 18 <sup>th</sup> - 22 <sup>nd</sup> April 25 <sup>th</sup> April- 29 <sup>th</sup> April 2 <sup>nd</sup> May - 6 <sup>th</sup> May 9 <sup>th</sup> -13 <sup>th</sup> May 16 <sup>th</sup> - 20 <sup>th</sup> May 23 <sup>rd</sup> -27 <sup>th</sup> May	Number: Arithmetic, Number facts and sequences, Ex. 30, 31 Approximations, Standard form, Ex. 32 Ratio and Proportions Ratio and Proportions Percentages Percentages, Simple and compound interest Algebra 1: Negative Numbers, Directed numbers, Formulae, Brackets Class Tests/ Linear and simultaneous equations Class Tests/ Factorization: Quadratic expressions
1 <sup>st</sup> - 17 <sup>th</sup> July 18 <sup>th</sup> - 22 <sup>nd</sup> July 25 <sup>th</sup> - 29 <sup>th</sup> July	Holidays Quadratic equations: Formula Method, Completing the square Algebra-2: Algebraic fractions, Changing subject
1 <sup>st</sup> - 5 <sup>th</sup> August 8 <sup>th</sup> - 12 <sup>th</sup> August 15 <sup>th</sup> - 19 <sup>th</sup> August 22 <sup>nd</sup> - 26 <sup>th</sup> August	Variations, Rules of Indices, Inequalities LPP Add Book: Ex 1A, 1B Add Book: Ex 1C, 1D, 1E
29 <sup>th</sup> Aug- 2 <sup>nd</sup> Sept 5 <sup>th</sup> - 9 <sup>th</sup> Sept 12 <sup>th</sup> - 16 <sup>th</sup> Sept 19 <sup>th</sup> - 23 <sup>rd</sup> Sept 26 <sup>th</sup> Sep - 30 <sup>th</sup> Sept	Add Book: Ex 2A, 2B Add Book: Ex 2C, 2D, 2E Add Book: Ex 2F, 2G Add Book: Ex 3A, 3B Revision/ Spill over

3rd - 7th Oct 10th - 14th Oct 17th - 21st Oct 24th Oct - 28th Oct	Add Book: Ex 4A, 4B Add Book: Ex 4C, 4D, 4E Add Book: Ex 4F, 4G Trigonometry: Basics, Bearings
31st Oct - 4th Nov 7th - 11th Nov 14th Nov - 18th Nov 21st - 25th Nov	Scale drawings, 3D Problems, Trig values of any angle Sine and cosine rule and revision exercises Mensuration: Area, Circle, Arc and sector Chord, Volume, Surface Area
28th Nov - 2nd Dec 5th - 9th Dec 12th -16th Dec 19th - 22nd Dec	SA1 Examination  Geometry: Fundamental result, Pythagoras theorem Symmetry, Similarity, Area, Volume
16th -20th Jan 2017 23rd - 27th Jan	Circle Theorem, Construction, Loci Graphs, Gradients, Equation of a Line

30 <sup>th</sup> Jan - 3 <sup>rd</sup> Feb 2017 6 <sup>th</sup> -10 <sup>th</sup> Feb	Plotting Curves, Sketching Graphs Interpreting Graphs, Graphical Solutions Distance time and speed time graphs Add Book: 8A, 8B, 8C
March 1 <sup>st</sup> week	Linear Law Add Book: 8A Add Book: 8B, 8C Add Book:
April 1 <sup>st</sup> week	Seta, Vectors, Functions Past paper booklet given, Revision from booklets
May	SA2 Examinations Statistics