

5th Form IGCSE Mathematics Revision

Every Thursday lunchtime
DRE. Room 406. 12:50 – 1:30.

1	Thursday 9 th Feb	Powers and Roots Index laws, negative and fractional powers Percentages Reverse percentages, compound percentage change Degrees of Accuracy Upper and lower bounds
Half Term		
2	Thursday 23 rd Feb	Circle Properties. All the circle theorems. Mensuration Sectors of circles. Surface area and volume. Similar figures.
3	Thursday 1 st March	Quadratics and more Factorising, quadratic formula, algebraic fractions, simultaneous equations –one linear, one quadratic-, inequalities
4	Thursday 8 th March	Expressions and Formulae Rearranging formulae. Direct and inverse proportion Surds
5	Thursday 15 th March	Graphs and Functions Function notation, domain and range, inverse. Cubics, quadratics and reciprocals. $y=mx+c$. Calculus Find maxima and minima. Kinematics.
6	Thursday 22 nd March	Set Language and Notation Sets, subsets, complement, intersection, union Vectors
7	Thursday 29 th March	Trigonometry Sin, cos, tan for obtuse angles. Sine and cosine rules. Area of a triangle. 3-D problems
Easter Holiday		
8	Thursday 26 th April	Statistics Histograms. Cumulative frequency. Probability tree diagrams.