



# MATHS IN YEAR 8 AND 9



# STUDENTS WILL:

Be graded using the 1-9 GCSE scale

Complete 1 homework a week that will be available on Show My Homework

HW will alternate one paper based and one computer based each week in Year 8

Year 9 will have all paper based homeworks with topic pre-tests to be taken online.

Be assessed once per  $\frac{1}{2}$  term in the form of a test

Will work within 4 basic themes: Number, Algebra, Data, Shape

# STUDENTS NEED:

Full school equipment including a maths set and a scientific calculator

To keep books neat and to complete homework on time and on full

To get notes from friends if they have missed a lesson

To see a teacher or email their teacher if they are stuck with their homework

To behave in line with the school policies

To HAVE FUN!!

# YEAR 8 TEXTBOOK AND THEMED ACTIVITIES

Set 1 Higher	Set 2 3 Foundation	Set 4 Core
Factors and powers	Number	Number properties and calculations
Working with powers	Area and Volume	Shapes and measures in 3D
2D shapes and 3D solids	Statistics	Statistics
Real Life graphs	Expressions and equations	Expressions and equations
Transformations	Real life Graphs	Decimal calculations
Fractions, Decimals and percentages	Decimals and Ratio	Angles
Constructions and loci	Lines and Angles	Number properties
Probability	Calculation with Fractions	Sequences
Scale drawings and measures	Straight Line Graphs	Fractions and percentages
Graphs	Percentages, Decimals and Fractions	Probability

# YEAR 9 – STARTING GCSE

Higher Set 1 2	Foundation Set 3 4
Fractions, ratio and proportion	Basic number
Angles	Geometry and measures: Angles
Fractions, ratio and proportion 2	Probability: Probability and events
Transformations, constructions and loci	Geometry and measures: Measures and scale drawings
Exploring and applying probability	Number: Approximations
Ratio and proportion	Ratio, proportion and rates of change: Ratio, speed and proportion
Ratio and proportion 2	Geometry and measures: Construction and loci
Transformations, constructions and loci 2	Algebra: Expressions and formulae
Linear graphs	Algebra: Linear graphs
Linear graphs 2	Geometry and measures: Transformations
Basic number	Statistics: Charts, tables and averages
Algebraic manipulation	
Powers and standard form	
Statistical diagrams and averages	



Please contact Miss Biggar if there are any issues or concerns in maths

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