

Year 7

Subject: Maths

	Autumn 1 7 weeks	Autumn 2 7 weeks	Spring 1	Spring 2	Summer 1	Summer 2
YEAR 7 TOPICS:	Number and Number Systems	Number and Number Systems	Algebra Skills I	Algebra Skills II and III	Data I and II and Geometry II	Geometry I and Probability
CONTENT	<ul style="list-style-type: none"> *Operations and laws of number *Order of Operations *Using a SCI CALC *Securing numerical operations with integers and decimals *Number types incl: Prime Product and Venn Diagrams for HCF LCM *Directed Number 	<ul style="list-style-type: none"> Four operations with Fractions and Percentages Relationships and conversions between Fractions Percentages and Decimals Ratio and Proportionality *Indices and BIDMAS for next module 	<ul style="list-style-type: none"> Index Laws and BIDMAS continued Conventions of Algebraic Language and Notation Writing, reading and making expressions Using key tools, simplifying, collecting like terms, expanding and factorising Using and reading Formula and Substitution 	<ul style="list-style-type: none"> Equations, writing and solving Reading writing and solving inequalities Sequences Co-ordinates Graphs $y = mx + c$ and real life 	<ul style="list-style-type: none"> *Averages *Reading, Presenting and Interpreting Data - done as a YEAR 7 data project *Angle Rules and Reasoning 	<ul style="list-style-type: none"> *Properties of shapes and geometric taxonomy *Perimeter Area and Volume *Probability *Enrichment - usually on Loci and Construction skills
HWK AND ASSESSMENT	<ul style="list-style-type: none"> *Baseline Assessment 3rd week of September based on KS2 curriculum *Number Assessment before half-term *Weekly homework set on Dr Frost site 	<ul style="list-style-type: none"> *FDP Week 4/5 after half-term *Weekly homework set on Dr Frost site 	<ul style="list-style-type: none"> *Only 1 SPRING Assessment. Usually late in Spring Term: Algebra Skills 1 *Weekly homework set on Dr Frost site 		<ul style="list-style-type: none"> *Sequences and Graphs Assessment towards middle of first summer half-term *Weekly homework set on Dr Frost site 	<ul style="list-style-type: none"> *Progress Assessment usually 3 weeks before end of Summer Term - based on any topics from Years 6 and 7