

YEAR 7 MATHEMATICS CURRICULUM MAP 2022-2023

AUTUMN TERM		SPRING TERM		SUMMER TERM	
TERM 1	TERM 2	TERM 1	TERM 2	TERM 1	TERM 2
INDUCTION LESSONS <ul style="list-style-type: none"> Mathswatch Calculator skills CHALLENGE LESSONS <ul style="list-style-type: none"> Problem solving Multiplication Division Types of number NEGATIVE NUMBERS AND COORDINATES <ul style="list-style-type: none"> Plot coordinates in all quadrants Understand negatives in real life contexts Adding & subtracting integers Mid points Geometric problems 	NUMERACY 1 <ul style="list-style-type: none"> Place value Powers of 10 Rounding/ bounds Standard index form Units EQUATIONS & FORMULA <ul style="list-style-type: none"> Algebra intro Simplifying, expanding, factorizing Creating and solving equations RATIO & PROPORTION <ul style="list-style-type: none"> Simplify ratio Write as ratio Share into ratio Understand direct & indirect proportion 	NUMERACY 2 <ul style="list-style-type: none"> Rounding Significant figures HCF/ LCM Decimals Recurring decimals PERIMETER & AREA <ul style="list-style-type: none"> Draw and measure accurately Perimeter and area of shapes Use formulas for area & perimeter Area and perimeter of circles FRACTIONS <ul style="list-style-type: none"> Identify, simplify and compare fractions Multiply, divide, add, and subtract fractions Mixed numbers Algebraic fractions 	FRACTIONS Continued NUMERACY 3 <ul style="list-style-type: none"> Percentage of a quantity Divisibility tests Prime numbers Prime number decomposition HCF LCM SEQUENCES & STRAIGHT LINES <ul style="list-style-type: none"> Continue sequences, generate terms of a sequence, find the rule for a sequence Use function machines Find horizontal and vertical lines and their equations Plot straight line graphs Real life graphs 	SEQUENCES & STRAIGHT LINES Continued NUMERACY 4 <ul style="list-style-type: none"> Convert between measures Multiply decimals by powers of 10 Understand bounds Find % of amounts Use inequalities 	NUMERACY 5 <ul style="list-style-type: none"> Rounding and approximation Use calculator and non calculator methods Use proportion in conjunction with % PROBLEM SOLVING LESSONS <ul style="list-style-type: none"> Teachers have an opportunity to use problem solving tasks and lessons to allow the year 7s to engage in project work and problem solving lessons Resources recommended to be used Lower ability sets to go back over skills and topics from the year Teachers given autonomy
ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT
Baseline assessment –test to determine setting combined with Ks2 and CAT data	Topic assessment 1 <ul style="list-style-type: none"> Negative numbers & coordinates Numeracy 1 Time & Timetables Key Skills 	Topic Assessment 2 <ul style="list-style-type: none"> Equations & Formula Ratio & Proportion Numeracy 2 	Topic Assessment 3 <ul style="list-style-type: none"> Perimeter & Area Fractions 	End of year synoptic assessment Week 5 of term	

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