ABINGDON
HOUSE SCHOOL

A personalised curriculum map overview for Year 7 Maths: 2025/26

Term ***(Weeks)***	***Topic/Unit (weeks)***	***Key Objectives***	***Type of assessment***
Week 1 (First full week)	***Initial evaluation***	This is the time to establish routines with the children, fostering positive relationships, and gaining a clear understanding of their individual learning needs.	
Autumn 1 (7)	***Sequences (2)***	• To look at sequences with diagrams • To continue number sequences • To explore term-to-term rules • To generate a sequence • To explore Linear and non-linear sequences	***End of unit assessment***
	Algebraic notation and substitution (2)	• To look at 1-step function machines (number and algebra) • To understand substitution (one and two step) • To be able to find a function (one step)	***End of unit assessment***

		• To understand and calculate 2-step function machines (number and algebra)	
	Expression and equivalence (2)	• Identify like and unlike terms • To Collect like terms • To Solve 1-step linear equations involving +/− • To Solve 1-step linear equations involving ×/÷ • To Solve any 1-step linear equation	***End of unit assessment***
Autumn 2 ***(7)***	***Place value, and ordering (2)***	• Read and write integers to 10 000 • Understand the place value of a digit in an integer to 10 000 • Compare integers to 10 000 • Order integers to 10 000 • Work out intervals on a number line • Position integers on a number line • Place value for decimals • Compare and order decimals	***End of unit assessment***
	Four Operations (2)	• Use number bonds • Add integers • Subtract integers • Solve problems with addition and subtraction • Double and halve • Multiply integers • Divide integers • Order of operation	***End of unit assessment***
	Statistics - averages and range (1)	• To explore the mode, mean, median and range of a set of data.	***End of unit assessment***
	Rounding (1)	• Round numbers to the nearest 10 • Round numbers to the nearest 100 • Round numbers to the nearest 10, 100 and 1000	***End of unit assessment***
Spring 1 (6)	***Grouping (3)***	• Represent data in pictograms • Interpret pictograms • Represent data in bar charts • Interpret bar charts • Represent data in dual bar charts • Interpret dual bar charts • Coordinates in the first quadrant	***End of unit assessment***

		• Read and interpret tables and scatter graphs • Scatter graphs • Correlation • Lines of best fit	
	Fraction, Decimal and percentages (3)	• To represent tenths and hundredths. • To explore number lines with fractions and decimals • To explore tenths, hundredths, fifths, quarters, eighths and thousandths. • To understand percentages • To convert simple fractions, decimals and percentages. • To explore fractions in diagrams and number lines. • To explore equivalent fractions. • To use fractions as division. • To convert fractions, decimals and percentages which are greater than 1.	
Spring 2 (6)	***Directed number***	• Negative numbers and number lines • Compare and order directed numbers • Calculations that cross zero • Negative numbers and zero pairs • Add directed numbers • Subtract directed numbers • Add and subtract directed numbers	
	Fractions and percentages of amounts	• Unit fraction of an amount • Use a unit fraction to find the whole • Percentage of an amount (10%, 25% and 50%) • Percentage of an amount (calculator)	
	Perimeter and area	• Perimeter on a grid • Perimeter of a polygon • Use perimeter to work out side lengths • Area on a grid • Area of a rectangle • Area of a parallelogram • Area of a triangle • Convert metric units of length	
Summer 1 (5)	***Speed, distance and time***	• Convert between hours and minutes • Understand speed • Step 3 Speed, distance and time (non-calculator) • Speed, distance and time (calculator) • Interpret distance-time graphs	

	Four operations with decimal numbers	• Add decimals • Subtract decimals • Solve problems with decimal addition and subtraction • Multiply integers and decimals by 10 • Multiply integers and decimals by 10, 100 and 1000 • Divide integers and decimals by 10 • Divide integers and decimals by 10, 100 and 1000	
	Properties of number	Children will re explore; • Multiples • Factors • Prime numbers • Square numbers • Triangular numbers • Cube numbers • Counterexamples	
Summer 2 (6)	***Add and subtract fractions***	• Add and subtract fractions with the same denominator • Make a whole • Subtract fractions from a whole • Add and subtract fractions crossing 1 • Convert improper fractions to mixed numbers • Convert mixed numbers to improper fractions • Equivalent fractions • Simplify a fraction • Add and subtract fractions within 1 • Add and subtract fractions beyond 1	
	Angles and polygons	• Draw and measure line segments • Estimate distances • Classify angles • Estimate the size of an angle • Protractors • Measure angles • Draw angles • Angles around a point • Angles on a straight line • Angles in a triangle • Angles in a quadrilateral • Solve problems with angles	