

MATHS

Everyone can do maths – Everyone can!!

We use 'White Rose' resources, which develop a culture of deep understanding, confidence and competence in maths ; this curriculum produces strong, secure learning and real progress.

	AUTUMN A	AUTUMN B	SPRING A	SPRING B	SUMMER A	SUMMER B
YEAR 1	<ul style="list-style-type: none"> Numbers up to 10 Addition & subtraction of numbers to 10 	<ul style="list-style-type: none"> 2D & 3D shapes Numbers to 20 Addition and subtraction within 20 	<ul style="list-style-type: none"> Numbers to 50 Addition & subtraction to 50 Multiples of 2, 5, 10 	<ul style="list-style-type: none"> Length & height Weight and volume 	<ul style="list-style-type: none"> Multiplication & division (2s, 5s, 10s) Halves and quarters Turns 	<ul style="list-style-type: none"> Coins and notes Introduction to time Numbers to 100
YEAR 2	<ul style="list-style-type: none"> 2-digit numbers Addition & subtraction of 2-d numbers 	<ul style="list-style-type: none"> Money – making different amounts, giving change Multiplication & division (2, 5, 10) 	<ul style="list-style-type: none"> Multiplication & division (2, 5, 10) Graphs and tally charts 2D shapes 	<ul style="list-style-type: none"> 3D shapes Fractions of shapes and amounts Length and height 	<ul style="list-style-type: none"> Time – to 5-min intervals Problem solving Efficient methods 	<ul style="list-style-type: none"> Position and direction (quarter turns) Mass, capacity and temperature
YEAR 3	<ul style="list-style-type: none"> 3-digit numbers Addition & subtraction of 3-d numbers 	<ul style="list-style-type: none"> Multiply & divide Count in 3s, 4s, 8s, 50s, 100s) 	<ul style="list-style-type: none"> Add and subtract money (mixed amounts) Using graphs 	<ul style="list-style-type: none"> Length and perimeter Find fractions of amounts 	<ul style="list-style-type: none"> Add and subtract fractions Roman numerals on clocks Analogue & digital time 	<ul style="list-style-type: none"> Making shapes Angles Mass and capacity
YEAR 4	<ul style="list-style-type: none"> 4-digit numbers Addition & subtraction of 4-d numbers Roman numerals 	<ul style="list-style-type: none"> Length and perimeter Counting in 6s, 7s, 9s, 25s, 1000s 	<ul style="list-style-type: none"> Factor pairs Short multiplication Finding area by counting squares Common equivalent fractions 	<ul style="list-style-type: none"> Fractions of amounts Add and subtract fractions with same denominator Introduction to decimals 	<ul style="list-style-type: none"> Solving problems involving money Converting between units of time 	<ul style="list-style-type: none"> Bar charts, pictograms, time graphs and tables Comparing angles Quadrilaterals & triangles Symmetry Coordinates & translations

YEAR 5	<ul style="list-style-type: none"> Numbers to 1 million Negative numbers Addition & subtraction of 4-d and 5-d numbers Line-graphs and tables Factors, multiples and primes 	<ul style="list-style-type: none"> Counting in 10s, 100s, 1000s, Multiplication of 2-d numbers Short division Perimeter and area 	<ul style="list-style-type: none"> Combining all 4 operations Compare, order and simplify fractions Compare, order and find equivalent fractions 	<ul style="list-style-type: none"> adding and subtracting fractions with different denominators rates and scaling by fractions introduction to percentages 	<ul style="list-style-type: none"> 4 operations with decimals 2D and 3D representations of shapes Drawing measuring and comparing angles 	<ul style="list-style-type: none"> Reflection and translation of shapes Converting metric and imperial units Converting units of time Exploring capacity and volume
YEAR 6	<ul style="list-style-type: none"> Positive integers Negative numbers Addition & subtraction of numbers of any size Factors, multiples and primes Long multiplication Short division Calculations with 4 operations 	<ul style="list-style-type: none"> Adding and subtracting fractions with different denominators Multiply and divide fractions Coordinates, translations & reflections 	<ul style="list-style-type: none"> Calculating with decimals Calculating with percentages algebra 	<ul style="list-style-type: none"> Solving problems involving converting between units of time Perimeter, area and volume Problems involving ration and proportion 	<ul style="list-style-type: none"> 2D & 3D shapes and nets Missing angles and lengths All about circles Problem solving 	<ul style="list-style-type: none"> Pie charts, line graphs Calculate the mean average investigations