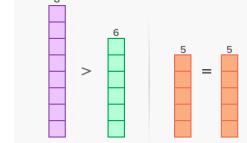
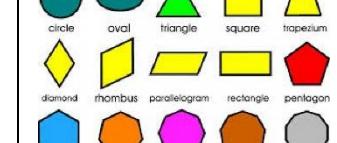
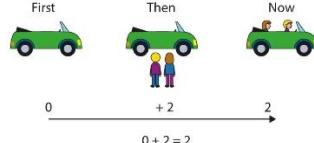
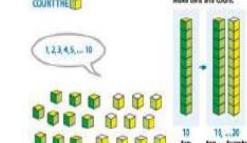
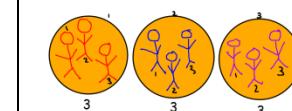
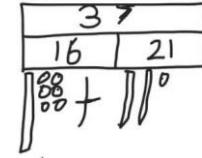
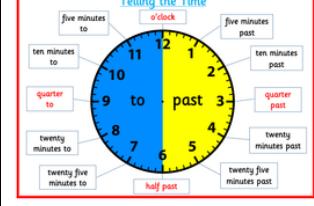
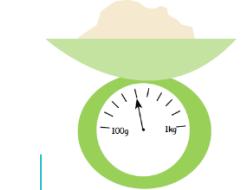
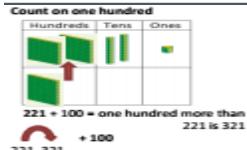
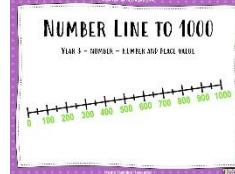
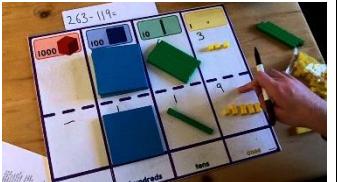
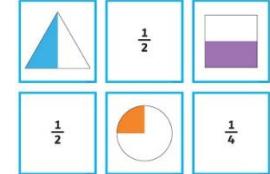
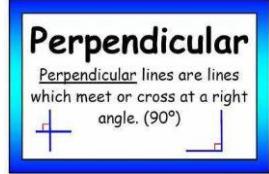
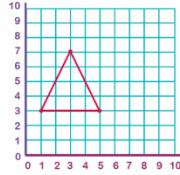
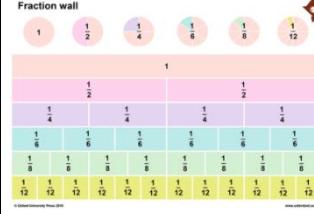


Curriculum Overview: Mathematics

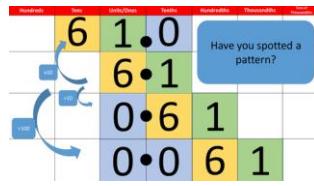
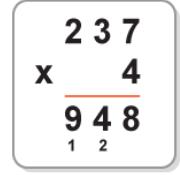
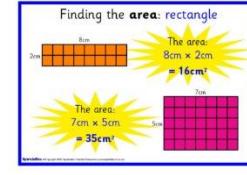
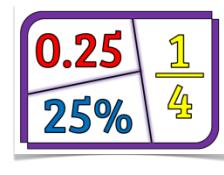
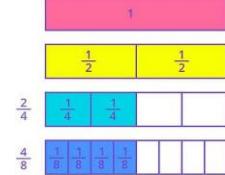
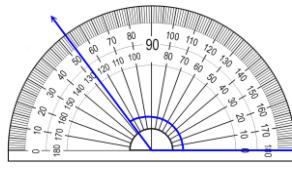
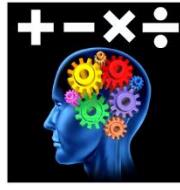
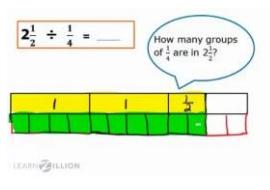
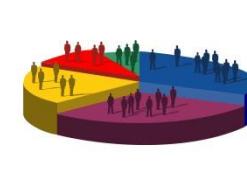
 Mathematics at Morningside
 Mastering Mathematics


	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1				 $0 + 2 = 2$		
Year 2	We love numbers up to 100 <ul style="list-style-type: none"> Counting Ordering Comparing Subitising 	We are comparing quantities <ul style="list-style-type: none"> Comparing Part-whole relationships Fluency with numbers to 5 	We are sorting shapes <ul style="list-style-type: none"> Recognising Composing Decomposing Fluency with numbers to 10 	We are adding and subtracting <ul style="list-style-type: none"> Additive structures Addition and subtraction facts within 10 	We are working with numbers to 20 <ul style="list-style-type: none"> Fluency with numbers to 20 Unitising 	We are working with coins, position and time <ul style="list-style-type: none"> Money Position Direction Time
Year 2		 Multiplication Problem: $3 \times 3 = 9$				

Curriculum Overview: Mathematics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	 We are fluent and calculating to 1000. <ul style="list-style-type: none"> Ordering Comparing Place value Adding and subtracting across 10 	 We are fluent and calculating to 1000. <ul style="list-style-type: none"> Ordering Comparing Place value Decomposing Partitioning 	 We are securing mental calculation <ul style="list-style-type: none"> Mental strategies Additive relationships Right angles 	 We are adding, subtracting and multiplying <ul style="list-style-type: none"> Column addition Column subtraction 2, 4 and 8 times tables 	 We are finding fractions. <ul style="list-style-type: none"> Unit fractions 	 We are finding fractions, and working with shape and time <ul style="list-style-type: none"> Non-unit fractions Parallel sides Perpendicular sides time
Year 4	 We are fluent with numbers up to 10,000. <ul style="list-style-type: none"> Column addition Column subtraction Numbers to 10,000 	$5 \times 6 = 30$ $3 \times 5 = 15$ $4 \times 9 = 36$ $2 \times 6 = 12$ We are multiplying & finding perimeters <ul style="list-style-type: none"> Perimeter 3 times table 6 times table 9 times table 	$1 \times 7 = 7 \quad 2 \times 7 = 14 \quad 3 \times 7 = 21$ $4 \times 7 = 28 \quad 5 \times 7 = 35 \quad 6 \times 7 = 42$ $7 \times 7 = 49 \quad 8 \times 7 = 56 \quad 9 \times 7 = 63$ $10 \times 7 = 70 \quad 11 \times 7 = 77 \quad 12 \times 7 = 84$ We are securing our times tables and multiplying <ul style="list-style-type: none"> 3 times table 6 times table 9 times table 7 times table and patterns Understanding and manipulating multiplicative relationships 	 We are multiplying and finding coordinates. <ul style="list-style-type: none"> Understanding and manipulating multiplicative relationships coordinates 	 We are finding fractions <ul style="list-style-type: none"> reviewing fractions fractions greater than 1 	 We are finding symmetry, time and dividing with remainders. <ul style="list-style-type: none"> Lines of symmetry Time Division with remainders

Curriculum Overview: Mathematics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 5	 <p>We are working with decimals and money.</p> <ul style="list-style-type: none"> Decimal fractions Money 	 <p>We are using negative numbers, & short multiplication & division.</p> <ul style="list-style-type: none"> Negative numbers Short multiplication Short division 	 <p>We are find the area, scaling and calculation with decimals.</p> <ul style="list-style-type: none"> Area Scaling Calculating with decimal fractions 	 <p>We are calculating with decimals, and finding factors, multiples and primes.</p> <ul style="list-style-type: none"> Calculating with decimal fractions Factors Multiples Primes 	 <p>We are exploring fractions.</p> <ul style="list-style-type: none"> Adding Subtracting Multiplying Converting Equivalence 	 <p>We are converting units, finding angles and describing transformations.</p> <ul style="list-style-type: none"> Measuring and drawing angles Calculating angles Reflection & translation Converting units
Year 6	 <p>We are calculating using our knowledge of structures</p> <ul style="list-style-type: none"> Addition Subtraction Multiplication Division Mental strategies 	 <p>We are becoming fluent in numbers up to 10,000,000.</p> <ul style="list-style-type: none"> Ordering, comparing and place value Negative numbers Multiples of 1,000 Addition Subtraction Draw, compose and decompose shapes 	 <p>We are multiplying, dividing, and working on shape.</p> <ul style="list-style-type: none"> Long multiplication Long division Area Perimeter Position Direction 	 <p>We are learning about fractions, decimals and statistics</p> <ul style="list-style-type: none"> Fractions Decimals Statistics 	 <p>We are solving problems.</p> <ul style="list-style-type: none"> Statistics Ratio and proportion BIDMAS Mean average Solving problems with 2 unknowns 	 <p>We are investigating, and preparing for secondary school.</p> <ul style="list-style-type: none"> MEI transition unit: calculators Investigations Consolidating our Year 6 work