

Number and Place Value Progression of Skills and Knowledge

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Counting	<ul style="list-style-type: none"> Recite numbers past 5 Say one number for each item in order: 1, 2, 3, one-to-one correspondence) Know that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle') 	<ul style="list-style-type: none"> Count objects, actions and Sounds Count objects to 10 and beginning to count beyond 10 ELG - Verbally count beyond 20, recognising the pattern of the counting system. <p style="text-align: center;">WRM: Autumn and Spring</p>	<ul style="list-style-type: none"> Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens. Given a number, identify one more and one less <p style="text-align: center;">WRM: Autumn Block 1 Spring Block 1 and 3 Summer Block 4</p>	<ul style="list-style-type: none"> Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward <p style="text-align: center;">WRM: Autumn Block 1</p>	<ul style="list-style-type: none"> Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number Find 10 or 100 more or less than a given number <p style="text-align: center;">WRM: Autumn Block 1</p>	<ul style="list-style-type: none"> Count in multiples of 6, 7, 9, 25 and 1000 Count backwards through zero to include negative numbers - this has been moved to Year 5 Find 1,000 more or less than a given number <p style="text-align: center;">WRM: Autumn Block 1 and Block 4</p>	<ul style="list-style-type: none"> Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000 Count backwards through zero to include negative numbers - moved from Year 4 Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero WRM: <p style="text-align: center;">WRM: Autumn Block 1 Summer Block 4</p>	<ul style="list-style-type: none"> Use negative numbers in context, and calculate intervals across zero
Representations, and Estimating (including reading and writing)	<ul style="list-style-type: none"> Fast recognition of up to 3 objects, without having to count them individually ('subitising'). Show 'finger numbers' up to 5. Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5. Experiment with their own symbols and marks as well as numerals (repeated in reading and writing numbers) 	<ul style="list-style-type: none"> Explore the composition of numbers to 10. Link the number symbol (numeral) with its cardinal number value. (repeated in reading and writing numbers) ELG - Have a deep understanding of number to 10, Including the composition of each number (repeated in understanding place value) Link the number symbol (numeral) to its cardinal value ELG - Subitise (recognise quantities without counting) up to 5. <p style="text-align: center;">WRM: Autumn and Spring</p>	<ul style="list-style-type: none"> Identify and represent numbers using objects and pictorial representations. Read and write numbers from 1 to 20 in numerals and words <p style="text-align: center;">WRM: Autumn Block 1 Spring Block 1 and 3 Summer Block 4</p>	<ul style="list-style-type: none"> Read and write numbers to at least 100 in numerals and in words Identify, represent and estimate numbers using different representations, including the number line <p style="text-align: center;">WRM: Autumn Block 1</p>	<ul style="list-style-type: none"> Identify, represent and estimate numbers using different representations Read and write numbers up to 1000 in numerals and in words Tell and write the time from an analogue clock including using Roman Numerals from I to XII, and 12-hour clock and 24-hour clocks <p style="text-align: center;">WRM: Autumn Block 1</p>	<ul style="list-style-type: none"> Identify, represent and estimate numbers using different representations Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value. <p style="text-align: center;">WRM: Autumn Block 1</p>	<ul style="list-style-type: none"> Read Roman numerals to 1,000 (M) and recognise years written in Roman numerals Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit <p style="text-align: center;">WRM: Autumn Block 1</p>	<ul style="list-style-type: none"> Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit <p style="text-align: center;">WRM: Autumn Block 1</p>
Understanding Place Value	<ul style="list-style-type: none"> 	<ul style="list-style-type: none"> Have a deep understanding of number to 10, including the composition of each number. <p style="text-align: center;">WRM: Spring and Summer</p>	<ul style="list-style-type: none"> 	<ul style="list-style-type: none"> Recognise the place value of each digit in a two-digit number (tens, ones) <p style="text-align: center;">WRM: Autumn Block</p>	<ul style="list-style-type: none"> Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) <p style="text-align: center;">WRM: Autumn Block 1</p>	<ul style="list-style-type: none"> Recognise the place value of each digit in a four-digit number (hundreds, tens, ones) Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths. <p style="text-align: center;">WRM: Spring Block 4</p>	<ul style="list-style-type: none"> Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit Recognise and use thousandths and relate them to tenths, hundredths and decimals equivalents 	<ul style="list-style-type: none"> Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit Identify the value of each digit in numbers given to three decimal places. Multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places. <p style="text-align: center;">WRM: Spring Block 3</p>

Use Place Value to Compare	<ul style="list-style-type: none"> ○ Compare quantities using language: 'more than', 'fewer than' ○ 	<ul style="list-style-type: none"> ○ Says the number that is one more than a given number up to 5 ○ Finds one more or one less from a group of up to 5 objects, then 10 objects ○ ELG: Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity. <p>WRM: Autumn and Spring</p>	<ul style="list-style-type: none"> ○ Use the language of: equal to, more than, less than (fewer), most, least <p>WRM: Autumn Block 1 Spring Block 1 and 3 Summer Block 4</p>	<ul style="list-style-type: none"> ○ Compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs <p>WRM: Autumn Block 1</p>	<ul style="list-style-type: none"> ○ Compare and order numbers up to 1000 ○ Compare numbers with the same number of decimal places <p>WRM: Autumn Block 1</p>	<ul style="list-style-type: none"> ○ Find 1000 more or less than a given number ○ Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) ○ Order and compare numbers beyond 1000 <p>WRM: Autumn Block 1</p>	<ul style="list-style-type: none"> ○ Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit <p>WRM: Autumn Block 1</p>	<ul style="list-style-type: none"> ○ Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit <p>WRM: Autumn Block 1</p>
Problems and Rounding	<ul style="list-style-type: none"> ○ Solve real world mathematical problems with numbers up to 5 			<ul style="list-style-type: none"> ○ Use place value and number facts to solve problems <p>WRM: Autumn Block 1</p>	<ul style="list-style-type: none"> ○ Solve number problems and practical problems involving these ideas <p>WRM: Autumn Block 1</p>	<ul style="list-style-type: none"> ○ Round any number to the nearest 10, 100 or 1000 ○ Solve number and practical problems that involve all of the above and with increasingly larger positive numbers ○ Round decimals with one decimal place to the nearest whole number. <p>WRM: Autumn Block 1</p> <p>WRM: Summer Block 1</p>	<ul style="list-style-type: none"> ○ Interpret negative numbers in context ○ Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000 ○ Solve number problems and practical problems that involve all of the above ○ Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place. <p>WRM: Autumn Block 1</p> <p>WRM: Spring Block 3</p>	<ul style="list-style-type: none"> ○ Round any whole number to a required degree of accuracy ○ Use negative numbers in context, and calculate intervals across zero ○ Solve number and practical problems that involve all of the above ○ Solve problems which require answers to be rounded to specified degrees of accuracy. <p>WRM: Autumn Block 1</p> <p>WRM: Spring Block 3</p>

Addition and Subtraction Progression of Skills and Knowledge

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number Bonds	<ul style="list-style-type: none"> Through play and exploration, beginning to learn that numbers are made up (composed) of smaller numbers 	<ul style="list-style-type: none"> ELG: Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts. <p>WRM: Spring and Summer</p>	<ul style="list-style-type: none"> Represent and use number bonds and related subtraction facts within 20. <p>WRM: Autumn Block 2 Spring Block 2</p>	<ul style="list-style-type: none"> recall and use addition and subtraction facts to 20 fluently and derive and use related facts up to 100. <p>WRM: Autumn Block 2</p>				
Mental Calculations			<ul style="list-style-type: none"> Add and subtract one-digit and two-digit numbers to 20, including zero Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs <p>WRM: Autumn Block 2 Spring Block 2</p>	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: <ul style="list-style-type: none"> a two-digit number and ones a two-digit number and tens two two-digit numbers adding three one-digit numbers show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. <p>WRM: Autumn Block 2</p>	<ul style="list-style-type: none"> Add and subtract numbers mentally, including: <ul style="list-style-type: none"> a three-digit number and ones a three-digit number and tens a three-digit number and hundreds <p>WRM: Autumn Block 2</p>		<ul style="list-style-type: none"> Add and subtract numbers mentally with increasingly large numbers. <p>WRM: Autumn Block 2</p>	<ul style="list-style-type: none"> Perform mental calculations, including with mixed operations and large numbers. Use their knowledge of the order of operations to carry out calculations involving the four operations. <p>WRM: Autumn Block 2</p>
Written Methods			<ul style="list-style-type: none"> Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs <p>WRM: Autumn Block 2 Spring Block 2</p>		<ul style="list-style-type: none"> Add and subtract numbers with up to three digits using the formal written methods of columnar addition and subtraction <p>WRM: Autumn Block 2</p>	<ul style="list-style-type: none"> Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate. <p>WRM: Autumn Block 2</p>	<ul style="list-style-type: none"> Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) <p>WRM: Autumn Block 2</p>	
Inverse Operations, Estimating and Checking				<ul style="list-style-type: none"> recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. <p>WRM: Autumn Block 2</p>	<ul style="list-style-type: none"> Estimate the answer to a calculation and use inverse operations to check answers. <p>WRM: Autumn Block 2</p>	<ul style="list-style-type: none"> Estimate and use inverse operations to check answers to a calculation. <p>WRM: Autumn Block 2</p>	<ul style="list-style-type: none"> Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy. <p>WRM: Autumn Block 2</p>	<ul style="list-style-type: none"> Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy <p>WRM: Autumn Block 2</p>

Solve Problems	Solve real world mathematical problems within numbers to 5		<p>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$</p> <p style="text-align: center;">WRM: Autumn Block 2 Spring Block 2</p>	<ul style="list-style-type: none"> ○ Solve problems with addition and subtraction: <ul style="list-style-type: none"> ➤ using concrete objects and pictorial representations, including those involving numbers, quantities and measures ➤ applying their increasing knowledge of mental and written methods <p style="text-align: center;">WRM: Autumn Block 2</p> <ul style="list-style-type: none"> ○ Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. <p style="text-align: center;">WRM: Spring Block 1</p>	<ul style="list-style-type: none"> ○ Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. <p style="text-align: center;">WRM: Autumn Block 2</p>	<ul style="list-style-type: none"> ○ Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why. <p style="text-align: center;">WRM: Autumn Block 2</p>	<ul style="list-style-type: none"> ○ Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. ○ Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign. <p style="text-align: center;">WRM: Autumn Block 2</p>	<ul style="list-style-type: none"> ○ Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. ○ Solve problems involving addition, subtraction, multiplication and division <p style="text-align: center;">WRM: Autumn Block 2</p>

Multiplication and Division Progression of Skills and Knowledge

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Multiplication and Division Facts			<ul style="list-style-type: none"> Count in multiples of twos, fives and tens <p style="text-align: center;">WRM: Autumn Block 1 Spring Block 1 and 3 Summer Block 4</p>	<ul style="list-style-type: none"> Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward <p style="text-align: center;">WRM: Autumn Block 1</p> <ul style="list-style-type: none"> Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers. <p style="text-align: center;">WRM: Spring Block 2</p>	<ul style="list-style-type: none"> Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number <p style="text-align: center;">WRM: Autumn Block 1</p> <ul style="list-style-type: none"> Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables. <p style="text-align: center;">WRM: Autumn Block 3</p>	<ul style="list-style-type: none"> Count in multiples of 6, 7, 9, 25 and 1000 <p style="text-align: center;">WRM: Autumn Block 1 and Block 4</p> <ul style="list-style-type: none"> Recall multiplication and division facts for multiplication tables up to 12×12 <p style="text-align: center;">WRM: Autumn Block 4 Spring Block 1</p>	<ul style="list-style-type: none"> Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000 <p style="text-align: center;">WRM: Autumn Block 1</p>	
Mental Calculations				<ul style="list-style-type: none"> Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot. <p style="text-align: center;">WRM: Spring Block 2</p>	<ul style="list-style-type: none"> Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods. <p style="text-align: center;">WRM: Autumn Block 3 Spring Block 1</p>	<ul style="list-style-type: none"> Use place value, known and derived facts to multiply and divide mentally, including Multiplying by 0 and 1; dividing by 1; multiplying together three numbers Recognise and use factor pairs and commutativity in mental calculations. <p style="text-align: center;">WRM: Autumn Block 4 Spring Block 1</p>	<ul style="list-style-type: none"> Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000. <p style="text-align: center;">WRM: Autumn Block 3 Spring Block 1 Summer Block 3</p>	<ul style="list-style-type: none"> Associate a fraction with division and calculate decimal fraction equivalents (0.375) for a simple fraction ($\frac{3}{8}$) <p style="text-align: center;">WRM: Spring Block 3</p>
Written Methods				<ul style="list-style-type: none"> Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) signs <p style="text-align: center;">WRM: Spring Block 2</p>	<ul style="list-style-type: none"> Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods. <p style="text-align: center;">WRM: Autumn Block 3 Spring Block 1</p>	<ul style="list-style-type: none"> Multiply two-digit and three-digit numbers by a one-digit number using formal written layout. <p style="text-align: center;">WRM: Spring Block 1</p>	<ul style="list-style-type: none"> Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers. Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context. <p style="text-align: center;">WRM: Autumn Block 3 Spring Block 1</p>	<ul style="list-style-type: none"> Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication. Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context. Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context. <p style="text-align: center;">WRM: Autumn Block 2</p>

Combined Operations							<ul style="list-style-type: none"> Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign. 	<ul style="list-style-type: none"> Use their knowledge of the order of operations to carry out calculations involving the four operations.
Properties of Numbers (Multiples, Factors, Primes, Square and Cube)						<ul style="list-style-type: none"> Recognise and use factor pairs and commutativity in mental calculations. 	<ul style="list-style-type: none"> Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers. Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers. Establish whether a number up to 100 is prime and recall prime numbers up to 19 Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3) 	<ul style="list-style-type: none"> Identify common factors, common multiples and prime numbers.
Inverse Operations, Estimating and Checking			<ul style="list-style-type: none"> Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems 	<ul style="list-style-type: none"> Estimate the answer to a calculation and use inverse operations to check answers 	<ul style="list-style-type: none"> Estimate and use inverse operations to check answers to a calculation 	<ul style="list-style-type: none"> Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy 	<ul style="list-style-type: none"> Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy. 	

Solve Problems	○	○	○ Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. WRM: Summer Block 1	○ Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. WRM: Spring Block 2	○ Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m object. WRM: Spring Block 1	○ Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects. WRM: Spring Block 1	○ Solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes. ○ Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign. WRM: Autumn Block 3 Spring Block 1	○ Solve problems involving addition, subtraction, multiplication and division. WRM: Autumn Block 2 ○ Solve problems involving similar shapes where the scale factor is known or can be found. WRM: Spring Block 1 and 4

Fractions, Decimals and Percentages Progression of Skills and Knowledge

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Fractions and Decimals: Counting					<ul style="list-style-type: none"> Count up and down in tenths <p style="text-align: center;">WRM: Spring Block 3</p>	<ul style="list-style-type: none"> Count up and down in hundredths <p style="text-align: center;">WRM: Spring Block 3</p>		
Fractions: Recognise and Write			<ul style="list-style-type: none"> Recognise, find and name a half as one of two equal parts of an object, shape or quantity. Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. <p style="text-align: center;">WRM: Summer Block 2</p>	<ul style="list-style-type: none"> Recognise, find, name and write fractions $1/3$, $1/4$, $2/4$, and $3/4$ of a length, shape, set of objects or quantity. <p style="text-align: center;">WRM: Summer Block 2</p>	<ul style="list-style-type: none"> Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10. Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators. Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. <p style="text-align: center;">WRM: Spring Block 3</p>	<ul style="list-style-type: none"> Recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten. <p style="text-align: center;">WRM: Spring Block 3</p>	<ul style="list-style-type: none"> Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents. <p style="text-align: center;">WRM: Spring Block 3</p>	
Fractions: Compare and Equivalence				<ul style="list-style-type: none"> Write simple fractions for example, $1/2$ of 6 = 3 and recognise the equivalence of $2/4$ and $1/2$ <p style="text-align: center;">WRM: Summer Block 2</p>	<ul style="list-style-type: none"> Recognise and show, using diagrams, equivalent fractions with small denominators. Compare and order unit fractions, and fractions with the same denominators. <p style="text-align: center;">WRM: Summer Block 1</p>	<ul style="list-style-type: none"> Recognise and show, using diagrams, families of common equivalent fractions. Recognise and write decimal equivalents of any number of tenths or hundredths. <p style="text-align: center;">WRM: Spring Block 3 and 4</p>	<ul style="list-style-type: none"> Compare and order fractions whose denominators are all multiples of the same number. Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths. <p style="text-align: center;">WRM: Autumn Block 4</p>	<ul style="list-style-type: none"> Use common factors to simplify fractions; use common multiples to express fractions in the denomination. Compare and order fractions including fractions > 1 <p style="text-align: center;">WRM: Autumn Block 3</p>
Fractions: Addition and Subtraction					<ul style="list-style-type: none"> Add and subtract fractions with the same denominator within one whole- for example $5/7 + 1/7 = 6/7$ <p style="text-align: center;">WRM: Summer Block 1</p>	<ul style="list-style-type: none"> Add and subtract fractions with the same denominator. <p style="text-align: center;">WRM: Spring Block 3</p>	<ul style="list-style-type: none"> Add and subtract fractions with the same denominator, and denominators that are multiples of the same number. Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$ <p style="text-align: center;">WRM: Autumn Block 4 Spring Block 2</p>	<ul style="list-style-type: none"> Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions. Multiply simple pairs of proper fractions, writing the answer in its simplest form for example, $1/4 \times 1/2 = 1/8$ Divide proper fractions by whole numbers for example, $1/3 \div 2 = 1/6$ <p style="text-align: center;">WRM: Autumn Block 3 and 4</p>

Fractions: Multiplication and Division				<ul style="list-style-type: none"> Write simple fractions for example, $1/2$ of $6 = 3$ and recognise the equivalence of $2/4$ and $1/2$ <p>WRM: Summer Block 2</p>	<ul style="list-style-type: none"> 	<ul style="list-style-type: none"> 	<ul style="list-style-type: none"> Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams. <p>WRM: Spring Block 2</p>	<ul style="list-style-type: none"> Multiply simple pairs of proper fractions, writing the answer in its simplest form for example, $1/4 \times 1/2 = 1/8$ Divide proper fractions by whole numbers for example, $1/3 \div 2 = 1/6$ <p>WRM: Autumn Block 3 and 4</p>
Decimals: Recognise and Write						<ul style="list-style-type: none"> Recognise and write decimal equivalents of any number of tenths or hundredths. Recognise and write decimal equivalents to $1/4$, $1/2$, $3/4$ <p>WRM: Spring Block 4 Summer Block 1</p>	<ul style="list-style-type: none"> Read and write decimal numbers as fractions for example, $0.71 = \frac{71}{100}$ Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents. <p>WRM: Spring Block 3</p>	
Decimals: Compare, Rounding and Equivalence						<ul style="list-style-type: none"> Round decimals with one decimal place to the nearest whole number Compare numbers with the same number of decimal places up to two decimal places. <p>WRM: Summer Block 1</p>	<ul style="list-style-type: none"> Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place Read, write, order and compare numbers with up to 3 decimal places. <p>WRM: Spring Block 3</p>	<ul style="list-style-type: none"> Identify the value of each digit in numbers given to three decimal places. <p>WRM: Spring Block 3</p>
Decimals: Multiplication and Division						<ul style="list-style-type: none"> Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths. <p>WRM: Spring Block 4</p>		<ul style="list-style-type: none"> Multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places. Multiply one-digit numbers with up to two decimal places by whole numbers Use written division methods in cases where the answer has up to two decimal places. <p>WRM: Spring Block 3</p>
Fractions. Decimals and Percentages							<ul style="list-style-type: none"> Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per 100', and write percentages as a fraction with denominator 100, and as a decimal fraction. <p>WRM: Spring Block 3</p>	<ul style="list-style-type: none"> Associate a fraction with division and calculate decimal fraction equivalents (0.375) for a simple fraction ($3/8$) Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts. <p>WRM: Spring Block 3 and 4</p>

Problem Solving					<ul style="list-style-type: none"> Solve problems that involve all of the above <p>WRM: Spring Block 3 Summer Block 1</p>	<ul style="list-style-type: none"> Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number. <p>WRM: Spring Block 3</p> <ul style="list-style-type: none"> Solve simple measure and money problems involving fractions and decimals to two decimal places. <p>WRM: Spring Block 4 Summer Block 1</p>	<ul style="list-style-type: none"> Solve problems involving numbers up to 3 decimal places. <p>WRM: Summer Block 3</p>	<ul style="list-style-type: none"> Solve problems which require answers to be rounded to specified degrees of accuracy. <p>WRM: Spring Block 3</p>

Ratio and Proportion Progression of Skills and Knowledge

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Ratio and Proportion								<ul style="list-style-type: none"> Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts Solve problems involving the calculation of percentages (for example, of measures, and such as 15% of 360) and the use of percentages for comparison Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples <p>WRM: Spring Block 1 and 4</p>
Scaling							<ul style="list-style-type: none"> Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates <p>WRM: Spring Block 1</p>	<ul style="list-style-type: none"> Solve problems involving similar shapes where the scale factor is known or can be found <p>WRM: Spring Block 1 and 4</p>

Algebra Progression of Skills and Knowledge

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
Pattern	<ul style="list-style-type: none"> ○ Talk about and identifies the patterns around them. For example: stripes on clothes, designs on rugs and wallpaper. Use informal language like 'pointy', 'spotty', 'blobs' etc ○ Extend and create ABAB patterns – stick, leaf, stick, leaf ○ Notice and correct an error in a repeating pattern. 	<ul style="list-style-type: none"> ○ Continue, copy and create repeating patterns (Spots patterns in the environment, beginning to identify the pattern "rule") ○ Chooses familiar objects to create and recreate repeating patterns beyond AB patterns and begins to identify the unit of repeat 		<ul style="list-style-type: none"> ○ Order and arrange combinations of mathematical objects in patterns and sequences 					
Sequences		<ul style="list-style-type: none"> ○ Understand the 'one more than/one less than' relationship between consecutive numbers. ○ ELG – Verbally count beyond 20, recognising the pattern of the counting system ○ ELG – Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally. 						<ul style="list-style-type: none"> ○ Generate and describe linear number sequences 	
Formulae						<ul style="list-style-type: none"> ○ Perimeter can be expressed algebraically as $2(a + b)$ where a and b are the dimensions in the same unit 		<ul style="list-style-type: none"> ○ Use simple formulae WRM: Spring Block 2 ○ Recognise when it is possible to use formulae for area and volume of shapes WRM: Spring Block 5 	
Equations			<ul style="list-style-type: none"> ○ Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$ (copied from Addition and Subtraction) <p style="text-align: center;">WRM: Autumn Block 2 Spring Block 2</p>	<ul style="list-style-type: none"> ○ Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems. (copied from Addition and Subtraction) <p style="text-align: center;">WRM: Autumn Block 2</p>	<ul style="list-style-type: none"> ○ Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. (copied from Addition and Subtraction) ○ Solve problems, including missing number problems, involving multiplication and division, including integer scaling (copied from Multiplication and Division) 		<ul style="list-style-type: none"> ○ Use the properties of rectangles to deduce related facts and find missing lengths and angles (copied from Geometry: Properties of Shapes) 	<ul style="list-style-type: none"> ○ Express missing number problems algebraically ○ Find pairs of numbers that satisfy an equation with two unknowns. ○ Enumerate possibilities of combinations of two variables. <p style="text-align: center;">WRM: Spring Block 2</p>	

Algebraic notation is introduced in Year 6, but algebraic thinking is introduced by finding missing numbers from calculations.

Measurement Progression of Skills and Knowledge

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Comparing and Estimating	<ul style="list-style-type: none"> ○ Make comparisons between objects relating to size, length, weight and capacity ○ Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then...' 	<ul style="list-style-type: none"> ○ Compare length, weight and capacity (tackling problems involving prediction and discussion of comparisons of length, weight or capacity, paying attention to fairness and accuracy) ○ Increasingly able to order and sequence events using everyday language related to time 	<ul style="list-style-type: none"> ➤ Compare, describe and solve practical problems for: <ul style="list-style-type: none"> ➤ lengths and heights (long/short, longer/shorter, tall/short, double/half) ➤ mass/weight (heavy/light, heavier than, lighter than) ➤ capacity and volume (full/empty, more than, less than, half, half full, quarter) ➤ time (quicker, slower, earlier, later) ○ Sequence events in chronological order using language (before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening) <p style="text-align: center;">WRM: Spring Block 4 and Block 5 Summer Block 6</p>	<ul style="list-style-type: none"> ○ Compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$ <p style="text-align: center;">WRM: Spring Block 3 and 4</p> <ul style="list-style-type: none"> ○ Compare and sequence intervals of time. <p style="text-align: center;">WRM: Summer Block 4</p>	<ul style="list-style-type: none"> ○ Compare durations of events (for example to calculate the time taken by particular events or tasks) ○ Estimate and read time with increasing accuracy to the nearest minute; record and Compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight. <p style="text-align: center;">WRM: Summer Block 3</p>	<ul style="list-style-type: none"> ○ Estimate, compare and calculate different measures, including money in pounds and pence. <p style="text-align: center;">WRM: Spring Block 2 Summer Block 2 and 3</p>	<ul style="list-style-type: none"> ○ Calculate and compare the area of rectangles (including squares), including using standard units, square centimetres (cm²) and square metres (m²) estimate the area of irregular shapes. ○ Estimate volume of cubes and cuboids using standard units, including cubic centimetres (cm³) and cubic metres (m³), <p style="text-align: center;">WRM: Spring 4 Summer Block 6</p>	<ul style="list-style-type: none"> ○ Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm³) and cubic metres (m³), and extending to other units for example, mm³ and km³. <p style="text-align: center;">WRM: Spring Block 5</p>

Measuring, Converting Calculating	<ul style="list-style-type: none"> In meaningful contexts, finds the longer or shorter, heavier or lighter and more/less full of two items 	<ul style="list-style-type: none"> Becomes familiar with measuring tools in everyday experiences and play Beginning to experience measuring time with timers and calendars 	<ul style="list-style-type: none"> Measure and begin to record the following: <ul style="list-style-type: none"> lengths and heights mass/weight capacity and volume time (hours, minutes, seconds) Recognise and know the value of different denominations of coins and notes. <p>WRM: Spring Block 4 and Block 5 Summer Block 5 and 6</p>	<ul style="list-style-type: none"> Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}$C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels. <p>WRM: Spring Block 3 and 4</p> <ul style="list-style-type: none"> Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value. Find different combinations of coins that equal the same amounts of money. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. <p>WRM: Spring Block 1</p>	<ul style="list-style-type: none"> Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) Measure the perimeter of simple 2-D shapes. <p>WRM: Spring Block 2 Spring Block 4</p> <ul style="list-style-type: none"> Add and subtract amounts of money to give change, using both £ and p in practical contexts. <p>WRM: Summer Block 2</p>	<ul style="list-style-type: none"> Estimate, compare and calculate different measures, including money in pounds and pence. Measure and calculate the perimeter of a rectilinear figure (including squares) <p>WRM: Spring Block 2 Summer Block 2 and 3</p> <ul style="list-style-type: none"> Find the area of rectilinear shapes by counting squares. <p>WRM: Autumn Block 3</p>	<ul style="list-style-type: none"> Use all four operations to solve problems involving measure (length, mass, volume, money) using decimal notation, including scaling. Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres. Calculate and compare the area of rectangles (including squares), including using standard units, square centimetres (cm^2) and square metres (m^2) estimate the area of irregular shapes. Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3) Convert between different units of metric measure (kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre) Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints. <p>WRM: Autumn Block 3 Spring Block 4 Summer Block 5 and 6</p>	<ul style="list-style-type: none"> Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate. Recognise that shapes with the same areas can have different perimeters and vice versa. Calculate the area of parallelograms and triangles Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm^3) and cubic metres (m^3), and extending to other units for example, mm^3 and km^3. Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate. Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places. Convert between miles and kilometres. <p>WRM: Autumn Block 5 Spring Block 5</p>
Money			<ul style="list-style-type: none"> Recognise and know the value of different denominations of coins and notes. <p>WRM: Summer Block 5</p>	<ul style="list-style-type: none"> Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value. Find different combinations of coins that equal the same amounts of money. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. <p>WRM: Spring Block 1</p>	<ul style="list-style-type: none"> Add and subtract amounts of money to give change, using both £ and p in practical contexts. <p>WRM: Summer Block 2</p>	<ul style="list-style-type: none"> Estimate, compare and calculate different measures, including money in pounds and pence. <p>WRM: Summer Block 2</p>	<ul style="list-style-type: none"> Use all four operations to solve problems involving measure (money) <p>WRM: Summer Block 3</p>	

Time		<ul style="list-style-type: none"> Beginning to experience measuring time with timers and calendars 	<ul style="list-style-type: none"> Sequence events in chronological order using language (before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening) Recognise and use language relating to dates, including days of the week, weeks, months and years. Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. 	<ul style="list-style-type: none"> Compare and sequence intervals of time. Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times. Know the number of minutes in an hour and the number of hours in a day. 	<ul style="list-style-type: none"> Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks. Estimate and read time with increasing accuracy to the nearest minute; record and Compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight. Know the number of seconds in a minute and the number of days in each month, year and leap year. Compare durations of events (for example to calculate the time taken by particular events or tasks) 	<ul style="list-style-type: none"> Read, write and convert time between analogue and digital 12- and 24-hour clocks. Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days. 	<ul style="list-style-type: none"> Solve problems involving converting between units of time. 	<ul style="list-style-type: none"> Use, read, write and convert between standard units, converting measurements of time from a smaller unit of measure to a larger unit, and vice versa.
			WRM: Summer Block 6	WRM: Summer Block 4	WRM: Summer Block 3	WRM: Summer Block 3	WRM: Summer Block 5	WRM: Autumn Block 5
Perimeter, Area and Volume					<ul style="list-style-type: none"> Measure the perimeter of simple 2-D shapes. 	<ul style="list-style-type: none"> Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres. Find the area of rectilinear shapes by counting squares. 	<ul style="list-style-type: none"> Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres. Calculate and compare the area of rectangles (including squares), including using standard units, square centimetres (cm²) and square metres (m²) estimate the area of irregular shapes. Estimate volume of cubes and cuboids using standard units, including cubic centimetres (cm³) and cubic metres (m³), 	<ul style="list-style-type: none"> Recognise that shapes with the same areas can have different perimeters and vice versa. c. Calculate the area or parallelograms and triangles. Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm³) and cubic metres (m³), and extending to other units for example, mm³ and km³.
					WRM: Spring Block 2	WRM: Autumn Block 3 Spring Block 2	WRM: Spring 4 Summer Block 6	WRM: Spring Block 5

Geometry (Properties of Shapes and Position and Direction): Progression of Skills and Knowledge

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
2-D Shapes	<ul style="list-style-type: none"> Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners', 'straight', 'flat', 'round'. 	<ul style="list-style-type: none"> Responds to both informal language and common shape names Shows awareness of shape similarities and differences between objects 	<ul style="list-style-type: none"> Recognise and name common 2-D including (rectangles - including squares -, circles and triangles <p style="text-align: center;">WRM: Autumn Block 3</p>	<ul style="list-style-type: none"> Identify and describe the properties of 2- D shapes, including the number of sides and line symmetry in a vertical line. Identify 2-D shapes on the surface of 3-D shapes (a circle on a cylinder and a triangle on a pyramid Compare and sort common 2-D and 3-D shapes and everyday objects. <p style="text-align: center;">WRM: Autumn Block 3</p>	<ul style="list-style-type: none"> Draw 2-D shapes <p style="text-align: center;">WRM: Summer Block 4</p>	<ul style="list-style-type: none"> Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes. Identify lines of symmetry in 2-D shapes presented in different orientations. <p style="text-align: center;">WRM: Summer Block 4</p>	<ul style="list-style-type: none"> Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. Use the properties of rectangles to deduce related facts and find missing lengths and angles. <p style="text-align: center;">WRM: Summer Block 1</p>	<ul style="list-style-type: none"> Draw 2-D shapes using given dimensions and angles. Compare and classify geometric shapes based on their properties and sizes. Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius. <p style="text-align: center;">WRM: Summer Block 1</p>
3-D Shapes	<ul style="list-style-type: none"> Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners', 'straight', 'flat', 'round'. 	<ul style="list-style-type: none"> Responds to both informal language and common shape names Shows awareness of shape similarities and differences between objects 	<ul style="list-style-type: none"> Recognise and name common 3-D shapes for example, cuboids (including cubes), pyramids and spheres]. <p style="text-align: center;">WRM: Autumn Block 3</p>	<ul style="list-style-type: none"> Recognise and name common 3-D shapes for example, cuboids (including cubes), pyramids and spheres]. Compare and sort common 2-D and 3-D shapes and everyday objects. <p style="text-align: center;">WRM: Autumn Block 3</p>	<ul style="list-style-type: none"> Make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them. <p style="text-align: center;">WRM: Summer Block 4</p>		<ul style="list-style-type: none"> Identify 3-D shapes, including cubes and other cuboids, from 2-D representations. <p style="text-align: center;">WRM: Summer Block 1</p>	<ul style="list-style-type: none"> Recognise, describe and build simple 3-D shapes, including making nets. <p style="text-align: center;">WRM: Summer Block 1</p>
Angles and Lines					<ul style="list-style-type: none"> Recognise angles as a property of shape or a description of a turn. Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle. Identify horizontal and vertical lines and pairs of perpendicular and parallel lines. <p style="text-align: center;">WRM: Summer Block 4</p>	<ul style="list-style-type: none"> identify acute and obtuse angles and compare and order angles up to two right angles by size. Identify lines of symmetry in 2-D shapes presented in different orientations. Complete a simple symmetric figure with respect to a specific line of symmetry. <p style="text-align: center;">WRM: Summer Block 4</p>	<ul style="list-style-type: none"> Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles. Draw given angles, and measure them in degrees (°) Identify: <ul style="list-style-type: none"> angles at a point and 1 whole turn (total 360°) angles at a point on a straight line and half a turn (total 180°) other multiples of 90° <p style="text-align: center;">WRM: Summer Block 1</p>	<ul style="list-style-type: none"> Find unknown angles in any triangles, quadrilaterals, and regular polygons. Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles. <p style="text-align: center;">WRM: Summer Block 1</p>
Position and Direction	<ul style="list-style-type: none"> Understand position through words alone - for example, "The bag is under the table," - with no pointing Describe a familiar route Discuss routes and locations, using words like 'in front of' and 'behind' Talk about and identify the patterns around them Extend and create ABAB patterns - stick, leaf, stick, leaf Notice and correct an error in a repeating pattern 	<ul style="list-style-type: none"> Select, rotate and manipulate shapes in order to develop spatial reasoning skills Continue, copy and create repeating patterns 	<ul style="list-style-type: none"> Describe position, direction and movement, including whole, half, quarter and three-quarter turns. <p style="text-align: center;">WRM: Summer Block 3</p>	<ul style="list-style-type: none"> Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise). Order and arrange combinations of mathematical objects in patterns and sequences. <p style="text-align: center;">WRM: Summer Block 3</p>		<ul style="list-style-type: none"> Describe positions on a 2-D grid as coordinates in the first quadrant. Describe movements between positions as translations of a given unit to the left/right and up/down. Plot specified points and draw sides to complete a given polygon. <p style="text-align: center;">WRM: Summer Block 6</p>	<ul style="list-style-type: none"> Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed. <p style="text-align: center;">WRM: Summer Block 2</p>	<ul style="list-style-type: none"> Describe positions on the full coordinate grid (all four quadrants) Draw and translate simple shapes on the coordinate plane and reflect them in the axes. <p style="text-align: center;">WRM: Summer Block 2</p>

Statistics Progression of Skills and Knowledge

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Present and interpret				<ul style="list-style-type: none"> Interpret and construct simple pictograms, tally charts, block diagrams and simple tables. <p style="text-align: center;">WRM: Summer Block 1</p>	<ul style="list-style-type: none"> Interpret and present data using bar charts, pictograms and tables. <p style="text-align: center;">WRM: Summer Block 5</p>	<ul style="list-style-type: none"> Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs. <p style="text-align: center;">WRM: Summer Block 5</p>	<ul style="list-style-type: none"> Complete, read and interpret information in tables, including timetables. <p style="text-align: center;">WRM: Spring Block 5</p>	<ul style="list-style-type: none"> Interpret and construct pie charts and line graphs and use these to solve problems. <p style="text-align: center;">WRM: Spring Block 6</p>
Solve Problems	<ul style="list-style-type: none"> Solve real-world mathematical problems with numbers up to 5 			<ul style="list-style-type: none"> Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. Ask and answer questions about totalling and comparing categorical data. <p style="text-align: center;">WRM: Summer Block 1</p>	<ul style="list-style-type: none"> Solve one-step and two-step questions ('How many more?' and 'How many fewer?') using information presented in scaled bar charts and pictograms and tables. <p style="text-align: center;">WRM: Summer Block 5</p>	<ul style="list-style-type: none"> Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs. <p style="text-align: center;">WRM: Summer Block 5</p>	<ul style="list-style-type: none"> Solve comparison, sum and difference problems using information presented in a line graph. <p style="text-align: center;">WRM: Spring Block 5</p>	<ul style="list-style-type: none"> Calculate and interpret the mean as an average. <p style="text-align: center;">WRM: Spring Block 6</p>