## Inmans Primary School

## Maths Progression Ladder

| Number \& Place Value |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Counting |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| Children can verbally count beyond 20, recognising the pattern of the counting system <br> Children can say which number is one more or one less than a given number. | Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. <br> Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens. <br> Given a number, identify one more and one less. | Count in steps of 2, 3 , and 5 from 0 , and in tens from any number, forward and backward. | Count from 0 in multiples of 4, 8,50 and 100; find 10 or 100 more or less than a given number. | Count backwards through zero to include negative numbers. <br> Count in multiples of 6,7, 9,25 and 1000 . <br> Find 1000 more or less than a given number. | Count forwards or backwards in steps of powers of 10 for any given number up to 1000000. <br> Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero. | Use negative numbers in context, and calculate intervals across zero. |
| Comparing Numbers |  |  |  |  |  |  |
| Compare quantities upto 10 and use the language of greater than, less than or the same as. | Use the language of: equal to, more than, less than (fewer), most, least | Compare and order numbers from 0 up to 100; use < , > and = signs. | Compare and order numbers up to 1000. | Order and compare numbers beyond 1000 | Read, write, order and compare numbers to at least 1000000 and determine the value of each digit. | Read, write, order and compare numbers up to 10 000000 and determine the value of each digit. |
| Identifying, Representing \& Estimating Numbers |  |  |  |  |  |  |
| Subitise upto 5 <br> Link the number | Identify and represent numbers using objects and pictorial representations | Identify, represent and estimate numbers using different | Identify, represent and estimate numbers using different representations. | Identify, represent and estimate numbers using different representations. |  |  |

## Inmans Primary School

## Maths Progression Ladder

| with it's cardinal number value | including the number line | representations, including the number line. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reading \& Writing Numbers (including Roman Numerals) |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| Place the numbers 1 -20 in order. | Read and write numbers from 1 to 20 in numerals and words. | Read and write numbers to at least 100 in numerals and in words. | Read and write numbers up to 1000 in numerals and in words. | 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. | Read, write, order and compare numbers to at least 1000000 and determine the value of each digit. <br> Read Roman numerals to 1000 (M) and recognise years written in Roman numerals. | Read, write, order and compare numbers up to 10 000000 and determine the value of each digit. |
| Understanding Place Value |  |  |  |  |  |  |
|  |  | Recognise the place value of each digit in a two-digit number (tens, ones). | Recognise the place value of each digit in a three-digit number (hundreds, tens, ones). | Recognise the place value of each digit in a fourdigit number (thousands, hundreds, tens, and ones). | Read, write, order and compare numbers to at least 1000000 and determine the value of each digit. | Read, write, order and compare numbers up to 10 000000 and determine the value of each digit. |
| Rounding |  |  |  |  |  |  |
|  |  |  |  | Round any number to the nearest 10,100 or 1000. | Round any number up to 1 000000 to the nearest 10 , $100,1000,10000$ and 100 000. | Round any whole number to a required degree of accuracy. |
| Problem Solving |  |  |  |  |  |  |
|  |  | Use place value and number facts to solve problems. | Solve number problems and practical problems involving these ideas. | Solve number and practical problems that involve all of the Year 4 | Solve number problems and practical problems that involve all of the Year 5 | Solve number and practical problems that involve all of the above. |

## Inmans Primary School

## Maths Progression Ladder

|  |  |  |  | Number and Place Value statements and with increasingly large positive numbers. | Number and Place Value statements. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number and Place Value Vocabulary |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| 10's frame subitise <br> One more <br> One less <br> Place <br> Order <br> Number <br> Count <br> Numbers up to <br> twenty <br> Number line <br> Pictorial <br> Answer <br> Equals <br> Read <br> Write <br> Odd <br> Even <br> Number <br> patterns | Same as EYFS plus the following: <br> Forwards <br> Backwards <br> Numerals <br> Words <br> Multiples <br> Equal to <br> More than <br> Less than <br> Fewer <br> Most <br> Least <br> Identify <br> Represent <br> Digit <br> Calculate <br> Odd <br> Even <br> Pattern Numbers <br> up to one hundred |  <br> Year 1 plus the following: <br> Ones <br> Tens <br> Two-digit <br> Estimate <br> Place Value <br> Solve <br> Problems <br> Greater than > <br> Less than < <br> Nearest ten <br> Number facts <br> Partition <br> Count in steps <br> Zero <br> Compare <br> Determine <br> Value | Same as EYFS \& KS1 plus the following: <br> Hundreds Threedigit ten more one hundred more ten less one hundred less Roman numeral Numbers up to one thousand | Same as previous year groups plus: <br> Thousands <br> Four-digit <br> Negative number <br> One thousand more <br> One thousand less <br> Decimal <br> Decimal place <br> Rounding <br> Place holder <br> Nearest ten <br> Nearest hundred <br> Nearest thousand <br> One place <br> Whole number <br> Integer <br> Tenths <br> Hundredths | Same as previous year groups plus: <br> Ten thousands <br> Hundred thousands <br> Millions <br> Context Steps of powers Decimal equivalents <br> Two decimal places Thousandths Numbers up to one million | Same as previous year groups plus: <br> Intervals across zero <br> Three decimal places Hundredths <br> Thousandths Ten thousandths Numbers up to ten million |

## Inmans Primary School

## Maths Progression Ladder

| Number: Addition \& Subtraction |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number Bonds |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  | Represent and use number bonds and related subtraction facts within 20. | Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100. |  |  |  |  |
| Mental Calculation |  |  |  |  |  |  |
| Understanding of the composition of 10 including number bonds <br> Automatically recall number bonds to 5 (including subtraction facts) and some number bonds to 10 , including double facts <br> Can count on and count back to find an answer. | Add and subtract onedigit and two-digit numbers to 20 , including zero. <br> Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals ( $=$ ) sign | Add and subtrac $\dagger$ numbers using concrete objects, pictorial illustrations, and mentally, including: <br> - A two-digit number and ones. <br> - A two-digit number and tens. <br> - Adding three one-digit numbers. <br> - Two two-digit numbers. Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. | Add and subtract numbers mentally, including: a three-digit number and ones. <br> Add and subtract numbers mentally, including: a three-digit number and tens. <br> Add and subtract numbers mentally, including: a three-digit number and hundreds.. |  | Add and subtract numbers mentally with increasingly large numbers. | Perform mental calculations, including with mixed operations and large numbers. <br> Use their knowledge of the order of operations to carry out calculations involving the four operations. |

## Inmans Primary School

## Maths Progression Ladder

| Written Methods |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Automatically recall number bonds to 5 (including subtraction facts) and some number bonds to 10, including double facts | Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals ( $=$ ) sign |  | Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction. | Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate. | Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction). |  |
| Inverse operations, estimating and checking answers |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  |  | Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. | Estimate the answer to a calculation and use inverse operations to check answers. | Estimate and use inverse operations to check answers to a calculation. | Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy. | Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy. |
| Addition \& Subtraction: Problem Solving |  |  |  |  |  |  |
| Automatically recall number bonds to 5 (including subtraction facts) and some number bonds to 10, including double facts | Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7=$ $\qquad$ -9. | Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods. <br> Solve problems with addition and subtraction: using concrete objects and | Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. | Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why. | Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. | Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. <br> Solve problems involving addition, subtraction, multiplication and division. |

## Inmans Primary School

## Maths Progression Ladder

|  |  | pictorial representations, including those involving numbers, quantities and measures. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Addition \& Subtraction Vocabulary |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| 10's frame <br> Part part whole <br> Add <br> Subtract $\dagger$ <br> Addition <br> Subtraction <br> Adding <br> Subtracting <br> Number <br> Number line <br> Single digit <br> Count on <br> Count back <br> Answer <br> Doubling <br> Halving <br> Sharing <br> Numbers to | Same as EYFS plus the following: <br> One step problem <br> Concrete object <br> Pictorial representation <br> Missing number <br> Problem <br> Read <br> Write <br> Interpret <br> Equals = <br> Signs <br> One-digit <br> Two-digit <br> Ones <br> Mental | Same as EYFS \& Year 1 plus the following: <br> Columnar addition <br> Columnar <br> Subtraction <br> Tens <br> Order <br> Inverse <br> Relationship <br> Calculation <br> Solve problems <br> Missing number <br> problems <br> Quantities <br> Measures <br> Formal Written method | Same as EYFS \& KS1 plus the following: <br> Three-digit number <br> Hundreds <br> Estimate <br> Number facts | Same as previous year groups plus: <br> Two step problems Context Four-digit | Same as previous year groups plus: <br> Increasingly large numbers <br> More than 4 digits <br> Rounding <br> Determine <br> Context <br> Multi-step problems | Same as previous year groups plus: <br> Estimation Mixed operations |

## Inmans Primary School

## Maths Progression Ladder

| twenty <br> Check | Mentally | Mental method <br> Method <br> Operation <br> Apply <br> Whole number |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |


| Number: Multiplication \& Division |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Multiplication \& Division facts |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  | Begin to count in multiples of twos, fives and tens (from Number and Place Value) | Count in steps of 2, 3, and 5 from 0 , and in tens from any number, forward and backward. (from Number and Place Value) <br> Recall and use multiplication and division facts for the 2,5 and 10 multiplication tables, including recognising odd and even numbers. | Count from 0 in multiples of 4, 8, 50 and 100 (from Number and Place Value) <br> Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables. | Count in multiples of 6, 7, 9, 25 and 1000. (from Number and Place Value) <br> Recall multiplication and division facts for multiplication tables up to $12 \times 12$. | Count forwards or backwards in steps of powers of 10 for any given number up to 1000000 (from Number and Place Value) |  |
| Mental Calculation |  |  |  |  |  |  |
|  |  | Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot. | 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 | 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. | Multiply and divide numbers mentally drawing upon known facts. <br> Multiply and divide whole numbers and those involving decimals by 10,100 and 1000. | Perform mental calculations, including with mixed operations and large numbers. |

## Inmans Primary School

## Maths Progression Ladder

|  |  |  | mental and progressing to formal written methods. | Recognise and use factor pairs and commutativity in mental calculations. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Written Calculation |  |  |  |  |  |  |
|  |  | Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ( $x$ ), division ( () and equals ( $=$ ) signs. | 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. | Multiply two-digit and three-digit numbers by a one-digit number using formal written layout. | Multiply numbers up to 4 digits by a one- or twodigit number using a formal written method, including long multiplication for twodigit numbers. <br> 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. | Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication. <br> 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. <br> Use written division methods in cases where the answer has up to two decimal places (copied from fraction - including decimals) |
| Properties of Numbers: Multiples, Factors, Primes, Square \& Cube Numbers |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  |  |  |  | Recognise and use factor pairs and commutativity in mental calculations. | Identify multiples and factors, including finding all factor pairs of a number, and common factors of two number. <br> Know and use the vocabulary | Identify common factors, common multiples and prime numbers. <br> Use common factors to |

## Inmans Primary School

## Maths Progression Ladder

|  |  |  |  |  | of prime numbers, prime factors and composite (nonprime) numbers. <br> Establish whether a number up to 100 is prime and recall prime numbers up to 19 . <br> Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed. | simplify factions; use common multiples to express fractions in the same denomination (copied from fractions) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Order of Operations |  |  |  |  |  |  |
|  |  |  |  |  |  | Use their knowledge of the order of operations to carry out calculations involving the four operations. |
| Inverse Operations, estimating and checking answers |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  |  |  | Estimate the answer to a calculation and use inverse operations to check answers.(from addition and subtraction) | Estimate and use inverse operations to check answers to a calculation. (from addition and subtraction) |  | Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy. |
| Problem Solving |  |  |  |  |  |  |
|  | Solve one-step problems involving multiplication and | Solve problems involving multiplication and division, using materials, | Solve problems, including missing number problems, involving multiplication and division, including | Solve problems involving multiplying and adding, including using the distributive law to | Solve problems involving multiplication and division including using their | Solve problems involving addition, subtraction, multiplication and division. |

## Inmans Primary School

## Maths Progression Ladder

|  | division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. | arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. | positive integer scaling problems and correspondence problems in which $n$ objects are connected to m objects. | multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects. | knowledge of factors and multiples, squares and cubes. <br> Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign. <br> Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. | Solve problems involving similar shapes where the scale factor is known or can be found (copied from ratio and proportion) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Multiplication and Division Vocabulary |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  | Multiples <br> Twos <br> Fives <br> Tens <br> Number <br> Multiply <br> Divide <br> Multiplication <br> Division <br> One step problem |  <br> Year 1 plus the following: <br> Multiplication facts <br> Division facts <br> Multiplication <br> tables <br> Odd numbers <br> Even numbers <br> Share <br> Equally <br> Repeated division | Same as EYFS \& KS1 plus the following: <br> Missing number problem <br> Estimate <br> Inverse <br> Formal written <br> method <br> Mathematical <br> statement <br> Recall | Same as previous year groups plus: <br> Derived facts <br> Factors <br> Factor pairs <br> Scaling problems <br> Three-digit | Same as previous year groups plus: <br> Decimals <br> Four-digit <br> Long multiplication <br> Short division <br> Remainders <br> Context <br> Common factors <br> Common multiples <br> Prime numbers | Same as previous year groups plus: <br> Scale factor <br> Long division Whole <br> number remainders <br> Fractions <br> Rounding <br> Mixed operations |

## Inmans Primary School

## Maths Progression Ladder

|  | Answer <br> Concrete <br> object <br> Pictorial <br> representation <br> Arrays <br> Count <br> Equals <br> Write | Integer <br> Two-digit <br> One-digit | Prime factors <br> Composite numbers <br> Square number <br> Cube number <br> Notation <br> Squares |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Cubes |  |  |  |


| Fractions (including Decimals and Percentages) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Counting in fractional steps. |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  |  | Pupils should count in fractions up to 10 , starting from any number and using $1 / 2$ and $2 / 4$ equivalence on the number line (from nonstatutory guidance) | Count up and down in tenths | Count up and down in hundredths. |  |  |
| Recognising Fractions |  |  |  |  |  |  |
|  | Recognise, find and name a half as one of two equal parts of an object, shape or quantity. <br> Recognise, find and name a quarter as one | Recognise, find, name and write fractions $1 / 3,1 / 4$, $2 / 4$ and $3 / 4$ of a length, shape, set of objects or quantity. | Recognise, find and write fractions of a discrete se $\dagger$ of objects: unit fractions and non-unit fractions with small denominators. <br> Recognise that tenths arise from dividing an object into 10 equal parts and in | Recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten. | recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents (appears also in Equivalence) |  |

## Inmans Primary School

## Maths Progression Ladder

|  | of four equal parts of an object, shape or quantity. |  | dividing one-digit numbers or quantities by 10 . <br> Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Comparing Fractions |  |  |  |  |  |  |
|  |  |  | Compare and order fractions, and fractions with the same denominators. |  | Compare and order fractions whose denominators are all multiples of the same number | Compare and order fractions, including fractions $>1$ |
| Comparing Decimals |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  |  |  |  | Compare numbers with the same number of decimal places up to two decimal places. | Read, write, order and compare numbers with up to three decimal places. | Identify the value of each digit in numbers given to three decimal places. |
| Rounding Decimals |  |  |  |  |  |  |
|  |  |  |  | Round decimals with one decimal place to the nearest whole number. | Round decimals with two decimal places to the nearest whole number and to one decimal place. | Solve problems which require answers to be rounded to specified degrees of accuracy. |
| Equivalence (including fractions, decimals and percentages) |  |  |  |  |  |  |
|  |  | Write simple fractions for example, $1 / 2$ of $6=$ 3 and recognise the equivalence of $2 / 4$ and $1 / 2$. | Recognise and show, using diagrams, equivalent fractions with small denominators. | Recognise and show, using diagrams, families of common equivalent fractions. <br> Recognise and write decimal equivalents of | Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths. | Use common factors to simplify fractions; use common multiples to express fractions in the same denomination |

## Inmans Primary School

## Maths Progression Ladder

|  |  |  |  | any number of tenths or hundredths. <br> Recognise and write decimal equivalents to $1 / 4,1 / 2,3 / 4$. | Read and write decimal numbers as fractions (e.g. $0.71=71 / 100$ ) <br> Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents. <br> Recognise the per cent symbol (\%) and understand that per cent relates to "number of parts per hundred", and write percentages as a fraction with denominator 100 as a decimal fraction. | Associate a fraction with division and calculate decimal fraction equivalents (e.g. 0.375) for a simple fraction (e.g. 3/8) <br> Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Addition and Subtraction of Fractions |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  |  |  | Add and subtract fractions with the same denominator within one whole [E.g. 5/7 + 1/7 = 6/7]. | Add and subtract fractions with the same denominator | Add and subtract fractions with the same denominator and multiples of the same number <br> Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements $>1$ as a mixed number (e.g. $2 / 5+4 / 5=6 / 5$ $=1$ whole and $1 / 5$ ) | Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions |

## Inmans Primary School

## Maths Progression Ladder

| Multiplication and Division of Fractions |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams | Multiply simple pairs of proper fractions, writing the answer in its simplest form (e.g. $1 / 4 \times 1 / 2=1 / 8$ ) <br> Multiply one-digit numbers with up to two decimal places by whole numbers <br> Divide proper fractions by whole numbers (e.g. $1 / 3 \div 2=1 / 6$ ) |
| Multiplication and Division of Decimals |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  |  |  |  | Find the effect of dividing a one or twodigit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths. |  | Multiply one-digit numbers with up to two decimal places by whole numbers Multiply and divide numbers by 10,100 and 1000 where the answers are up to three decimal places <br> Identify the value of each digit to three decimal places and multiply and divide numbers by 10,100 and 1000 where the answers are up to three decimal places <br> Associate a fraction with |

## Inmans Primary School

## Maths Progression Ladder

|  |  |  |  |  |  | division and calculate decimal fraction equivalents (e.g. 0.375) for a simple fraction (e.g. 3/8) <br> Use written division methods in cases where the answer has up to two decimal places |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fractions (including decimals and percentages) Problem Solving. |  |  |  |  |  |  |
|  |  |  | Solve problems that involve all of the Fractions statements for Year 3. | 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. <br> Solve simple measure and money problems involving fractions and decimals to two decimal places. | Solve problems involving numbers up to three decimal places <br> Solve problems which require knowing percentage and decimal equivalents of $1 / 2$, $1 / 4,1 / 5,2 / 5,4 / 5$ and those with a denominator of a multiple of 10 or 25 . |  |
| Fractions (including Decimals and Percentages) Vocabulary |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  | Fraction <br> Half <br> Equal parts <br> One whole | Same as EYFS \& Year 1 plus the following: <br> Simple fractions Equivalent equivalence | Same as EYFS \& KS1 plus the following: <br> Tenths <br> Unit fractions <br> Non- unit fractions | Same as previous year groups plus: <br> Hundredths <br> Decimal <br> Decimal place <br> One decimal place | Same as previous year groups plus: <br> Thousandths Multiples <br> Three decimal places Per cent | Same as previous year groups plus: <br> Common factors Common multiples Decimal fraction equivalents |

## Inmans Primary School

## Maths Progression Ladder

|  | Object Shape Quantity Quarter | Count | Numerator <br> Denominator <br> Compare <br> Order <br> Add <br> Subtract <br> Solve problems | Two decimal places Round decimals Whole number Common equivalent fractions Decimal equivalents Dividing Ones <br> Tenths Hundredths Simple measure Money problems | Number of parts per hundred <br> Percentages <br> Decimal fraction <br> Mixed numbers <br> Improper fraction <br> Proper fraction <br> Convert <br> Mathematical <br> statements <br> Multiply <br> Percentage and decimal equivalents | Simplest form |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |


| Measurement |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Comparing and Estimating |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| Children use everyday language to talk about size, weight, capacity, to compare quantities and objects and to solve problems | Compare, describe and solve practical problems for: <br> * lengths and heights [e.g. long/short, longer/shorter, tall/short, double/half] * mass/weight [e.g. heavy/light, heavier than, lighter than] * capacity and volume [e.g. | Compare and order lengths, mass, volume/capacity and record the results using >, < and = <br> Compare and sequence intervals of time. | Compare durations of events, for example to calculate the time taken by particular events or tasks. <br> Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes, hours and o'clock; use vocabulary | Estimate, compare and calculate different measures, including money in pounds and pence (also included in Measuring) | Calculate and compare the area of squares and rectangles including using standard units, square centimetres ( $\mathrm{cm}^{2}$ ) and square metres ( $\mathrm{m}^{2}$ ) and estimate the area of irregular shapes (also included in measuring) <br> Estimate volume (e.g. using $1 \mathrm{~cm}^{3}$ blocks to build cubes and cuboids) and | Calculate, estimate and compare volume of cubes and cuboids using standard units, including centimetre cubed ( $\mathrm{cm}^{3}$ ) and cubic metres ( $\mathrm{m}^{3}$ ), and extending to other units such as $\mathrm{mm}^{3}$ and $\mathrm{km}^{3}$. |

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## Maths Progression Ladder

|  | full/empty, more than, less than, half, half full, quarter] * time [e.g. quicker, slower, earlier, later] <br> sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening] |  | such as a.m./p.m., morning, afternoon, noon and midnight (appears also in Telling the Time.) |  | capacity (e.g. using water) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Measuring and Calculating |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| Children use everyday language to talk about size, weight, capacity, to compare quantities and objects and to solve problems | Measure and begin to record the following: <br> * lengths and heights <br> * mass/weight <br> * capacity and volume <br> * time (hours, minutes, seconds) | Choose and use appropriate standard units to estimate and measure length/height in any direction ( $\mathrm{m} / \mathrm{cm}$ ); mass (kg/g); temperature ( ${ }^{\circ}$ ) ; capacity (litres $/ \mathrm{ml}$ ) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels. | Measure, compare, add and subtract: Lengths ( $\mathrm{m} / \mathrm{cm} / \mathrm{mm}$ ); Mass ( $\mathrm{kg} / \mathrm{g}$ ); volume/capacity I/ml <br> Measure the perimeter of simple 2-D shapes | Estimate, compare and calculate different measures, including money in pounds and pence (appears also in Comparing) <br> Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres | Use all four operations to solve problems involving measure (e.g. length, mass, volume, money) using decimal notation including scaling. <br> Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres | Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate (appears also in Converting) <br> Recognise that shapes with the same areas can have different perimeters and vice versa |
| Children use everyday language to compare | Recognise and know the value of different denominations of coins and notes. | Recognise and use symbols for pounds (£) and pence ( $p$ ); combine amounts to make a | Add and subtract amounts of money to give change, using both $£$ and $p$ in practical contexts. | Find the area of rectilinear shapes by counting squares | calculate and compare the area of squares and rectangles including using standard units, square | Calculate the area of parallelograms and triangles |

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Maths Progression Ladder

| quantities and objects and to solve problems |  | particular value. <br> Find different combinations of coins that equal the same amounts of money. <br> Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. |  |  | centimetres ( $\mathrm{cm}^{2}$ ) and square metres ( $m^{2}$ ) and estimate the area of irregular shapes <br> recognise and use square numbers and cube numbers, and the notation for squared ( ${ }^{2}$ ) and cubed $\left({ }^{3}\right)$ (copied from Multiplication and Division) | calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres ( $\mathrm{cm}^{3}$ ) and cubic metres ( $m^{3}$ ), and extending to other units [e.g. $\mathrm{mm}^{3}$ and $\mathrm{km}^{3} \mathrm{~J}$. <br> Recognise when it is possible to use formulae for area and volume of shapes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Telling the Time |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| Children use everyday language to talk about time to solve problems using vocabulary such as first, then. | Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. <br> Recognise and use language relating to dates, including days of the week, weeks, months and years. | 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. <br> Know the number of minutes in an hour and the number of hours in a day. (appears also in Converting) | Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12 -hour and 24hour clocks <br> Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes, hours and o'clock; use vocabulary such as a.m./p.m., morning, afternoon, noon and midnight (appears also in | Read, write and convert time between analogue and digital 12 and <br> 24hour clocks (appears also in Converting) <br> Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days (appears also in Converting) | Solve problems involving converting between units of time. |  |

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## Maths Progression Ladder

|  |  |  | Comparing and Estimating) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Converting \& Problem Solving. |  |  |  |  |  |  |
|  |  | Know the number of minutes in an hour and the number of hours in a day. (appears also in Telling the Time) | Know the number of seconds in a minute and the number of days in each month, year and leap year | convert between different units of measure (e.g. kilometre to metre; hour to minute) <br> read, write and convert time between analogue and digital 12 and 24hour clocks (appears also in Converting) <br> solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days (appears also in Telling the Time) | Convert between different units of metric measure (e.g. kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre) <br> Solve problems involving converting between units of time. <br> Understand and use equivalences between metric units and common imperial units such as inches, pounds and pints. | 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. <br> Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate (appears also in Measuring and Calculating) <br> Convert between miles and kilometres. |
| Measurement Vocabulary |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| Measure <br> Measurement <br> Size <br> Weight | Same as EYFS plus: <br> Length / Height <br> Long / Short <br> Longer / Shorter Tall <br> Double / Half | Same as EYFS \& Year 1 plus the following: <br> Greater than > Less than < Equals = Intervals | Same as EYFS \& KS1 plus the following: <br> Duration <br> Time taken <br> Nearest minute <br> Record | Same as previous year groups plus: <br> Estimate <br> Rectilinear figure Area Rectilinear shapes | Same as previous year groups plus: <br> Square centimetres ( $\mathrm{cm}^{2}$ ) <br> Square metres ( $\mathrm{m}^{2}$ ) | Same as previous year groups plus: <br> Decimal notation Cubic centimetres $\left(\mathrm{cm}^{3}\right)$ |

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## Maths Progression Ladder

| Capacity <br> Compare <br> Solve Problems <br> Object <br> Time, first, <br> then | Mass <br> Heavy / Light <br> Heavier than <br> Lighter than <br> Volume <br> Full / Empty <br> More than <br> Less than <br> Half / Half full <br> Quarter <br> Quicker / Slower <br> Earlier / Later <br> Sequence events <br> Chronological order <br> Before <br> After <br> Next <br> First <br> Today <br> Yesterday <br> Tomorrow <br> Morning <br> Afternoon <br> Evening <br> Record <br> Hours <br> Minutes <br> Half past <br> O clock <br> Hands | Standard units <br> Estimate <br> Direction <br> Temperature <br> Unit <br> Scales <br> Rulers <br> Thermometers <br> Measuring vessels <br> Metres <br> Centimetres <br> Kilograms <br> Grams <br> Degrees <br> Celsius <br> Litres <br> Millilitres <br> Symbols <br> Money <br> Pounds (£) <br> Pence ( $p$ ) <br> Different <br> combinations <br> Change <br> Five past <br> Ten past <br> Quarter past <br> Twenty past | Seconds a.m. p.m. <br> noon <br> midnight <br> kilometre <br> add <br> subtract <br> millimetres <br> perimeter <br> simple <br> 2-D shapes <br> analogue clock <br> roman numerals <br> 12-hour <br> 24-hour <br> Leap year | Convert | Irregular shapes <br> Volume ( $\mathrm{cm}^{3}$ ) <br> Cubes <br> Cuboids <br> Square numbers <br> Cube numbers <br> Metric measure <br> Metric units <br> Imperial units <br> Inches <br> Pounds <br> Pints | Cubic metres ( $\mathrm{m}^{3}$ ) <br> Cubic millimetre <br> ( $\mathrm{mm}^{3}$ ) <br> Cubic kilometre <br> ( $\mathrm{Km}^{3}$ ) <br> Decimal places <br> formulae <br> Miles |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

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## Maths Progression Ladder

|  | Clock face | Twenty-five past |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Seconds | Half past |  |  |  |  |  |
| Coins | Twenty-five to |  |  |  |  |  |
|  | Twenty to |  |  |  |  |  |
|  | Notes | Quarter to |  |  |  |  |
| Dates | Ten to |  |  |  |  |  |
| Days | Five to |  |  |  |  |  |
| Weeks |  |  |  |  |  |  |
| Months | Year |  |  |  |  |  |


| Geometry: Properties of Shape |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Identifying shapes and their properties |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| Explore characteristics of everyday objects and shapes and use mathematical language to describe them. | Recognise and name common 2-D and 3-D shapes, including: - 2-D shapes [e.g. rectangles (including squares), circles and triangles] <br> - 3-D shapes [e.g. cuboids (including cubes), pyramids and spheres]. | Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line. <br> Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces. <br> Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a |  | Identify lines of symmetry in 2-D shapes presented in different orientations. | Identify 3-D shapes, including cubes and other cuboids, from 2-D representations. | Recognise describe and build simple 3-D shapes, including making nets (appears also in Drawing and Constructing.) <br> Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius. |

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## Maths Progression Ladder

|  |  | triangle on a pyramid.] |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drawing and Constructing |  |  |  |  |  |  |
|  |  |  | Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them. | Complete a simple symmetric figure with respect to a specific line of symmetry. | Draw given angles, and measure them in degrees $\left(^{\circ}\right.$ ). | Draw 2-D shapes using given dimensions and angles. <br> Recognise, describe and build simple 3-D shapes, including making nets (appears also in Identifying Shapes and Their Properties). |
| Comparing and Classifying |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  |  | Compare and sort common 2-D and 3-D shapes and everyday objects. |  | Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes. | Use the properties of rectangles to deduce related facts and find missing lengths and angles. <br> Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. | Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons. |
| Angles |  |  |  |  |  |  |
|  |  |  | Recognise angles as a property of shape or a description of a turn. | Identify acute and obtuse angles and compare and order angles up to two right angles by | Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles. | Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and |

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## Maths Progression Ladder

|  |  |  | 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. <br> Identify horizontal and vertical lines and pairs of perpendicular and parallel lines. | size. | Identify: <br> - Angles at a point and one whole turn (total $360^{\circ}$ ) <br> - Angles at a point on a straight line and $\frac{1}{2}$ a turn (total $180^{\circ}$ ) <br> - Other multiples of $90^{\circ}$ | find missing angles. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Geometry: Properties of Shape Vocabulary |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| Flat <br> Round <br> Shape <br> Square <br> Rectangle <br> Circle <br> Triangle <br> Sides <br> Straight side <br> Curved side | Same as EYFS plus: <br> 2-D Shapes <br> 3-D Shapes <br> Two- Dimensional <br> Three-Dimensional <br> Cuboid <br> Cube <br> Pyramid <br> Cone <br> Cylinder |  <br> Year 1 plus: <br> Properties <br> Compare <br> Common <br> Line symmetry <br> Vertical line <br> Edges <br> Faces <br> Vertices <br> Pentagon | Same as EYFS \& KS1 plus: <br> Angle <br> Turn <br> Right angles <br> Quarter of a turn <br> Half-turn <br> Three quarters of a turn <br> Complete turn | Same as previous year groups plus: <br> Lines of symmetry <br> Symmetric figure <br> Classify <br> Geometric shapes <br> Quadrilaterals <br> Acute angle <br> Obtuse angle | Same as previous year groups plus: <br> Angles <br> Measure <br> Degrees <br> Missing lengths <br> Missing angles <br> Regular polygons <br> Irregular polygons <br> Degrees | Same as previous year groups plus: <br> Radius <br> Diameter <br> Circumference <br> Nets |

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|  | Sphere | Hexagon <br> Heptagon <br> Octagon <br> Nonagon <br> Decagon <br> Kite <br> Rhombus <br> Polygon <br> Square-based <br> pyramid <br> Triangular pyramid <br> Triangular prism <br> Rectangular prism <br> Pentagonal prism <br> Hexagonal prism <br> Octagonal prism <br> Octahedron <br> Dodecahedron <br> Tetrahedron <br> Rectangular pyramid <br> Pentagonal pyramid <br> Hexagonal pyramid <br> Octagonal pyramid | Horizontal lines <br> Vertical lines <br> Perpendicular lines <br> Parallel lines | Estimate <br> Compare <br> Reflex angle <br> Point <br> Straight line <br> Multiples |  |
| :---: | :---: | :---: | :---: | :---: | :---: |

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## Maths Progression Ladder

| Geometry: Position and Direction |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Position, Direction and Movement |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| Children use everyday language to talk about position, distance. | Describe position, direction and movement, including half, quarter and three-quarter turns. | 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 anticlockwise.) |  | Describe positions on a 2-D grid as coordinates in the first quadrant. <br> Describe movements between positions as translations of a given unit to the left/right and up/down. <br> Plot specified points and draw sides to complete a given polygon. | Identify, describe and plot specified points and draw sides to complete a given polygon. | Describe positions on the full coordinate grid (all four quadrants). <br> Draw and translate simple shapes on the coordinate plane, and reflect them in the axes. |

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|  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pattern |  |  |  |  |  |  |
| Recognise, create and describe patterns around them and within numbers up to 10 |  | Order and arrange combinations of mathematical objects in patterns and sequences. |  |  |  |  |
| Geometry: Position and Direction Vocabulary |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| In front of, behind Position Distance Direction Move Movement Patterns | Same as EYFS plus: <br> Half turn <br> Quarter turn <br> Three-quarter <br> turn <br> Left <br> Right <br> Up |  <br> Year 1 plus: <br> Rotation <br> Right angle <br> Clockwise <br> Anti-clockwise <br> Order <br> Arrange <br> Sequence | Same as EYFS \& KS1 plus: | Same as previous year groups plus: <br> Co-ordinates <br> Quadrant <br> Grid <br> Translate <br> Translation <br> Axis <br> X-axis | Same as previous year groups plus: <br> Reflection | Same as previous year groups plus: <br> Four quadrants |

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|  | Down |  |  | Y-axis <br> Spaces <br> Unit <br> Plot <br> Point <br> Polygon |  |
| :--- | :--- | :--- | :--- | :--- | :--- |


| Statistics |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Interpreting, Constructing and Presenting Data |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  |  | Interpret and construct simple pictograms, tally charts, block diagrams and simple tables. <br> Ask and answer simple questions by counting the | Interpret and present data using bar charts, pictograms and tables. | Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs. | Complete read and interpret information in tables, including timetables. | Interpret and construct pie charts and line graphs and use these to solve problems. |

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## Maths Progression Ladder

|  |  | number of objects in each category and sorting the categories by quantity. <br> Ask and answer questions about totalling and comparing categorical data. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Solving Problems |  |  |  |  |  |  |
|  |  |  | Solve one-step and twostep questions [e.g. 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables. | Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs. | Solve comparison, sum and difference problems using information presented in a line graph. | Calculate and interpret the mean as an average. |
| Statistics Vocabulary |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |

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| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as: $7=\square-9$ <br> (copied from Addition and Subtraction) <br> represent and use number bonds and related subtraction facts within 20 (copied from Addition and Subtraction) | Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems. <br> (copied from Addition and Subtraction) <br> Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 (copied from Addition and Subtraction) | Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. (copied from Addition. and Subtraction) <br> Solve problems, including missing number problems, involving multiplication and division, including integer scaling (copied from <br> Multiplication and Division) |  | Use the properties of rectangles to deduce related facts and find missing lengths and angles (copied from Geometry: Properties of Shapes.) | Express missing number problems algebraically. <br> Find pairs of numbers that satisfy number sentences involving two unknowns. <br> Enumerate all possibilities of combinations of two variables. |
| Formulae |  |  |  |  |  |  |
|  |  |  |  | Perimeter can be expressed algebraically as 2(a + <br> b) where $a$ and $b$ are the dimensions in the same unit. <br> (Copied from NSG measurement) |  | Use simple formulae. <br> Recognise when it is possible to use formulae for area and volume of shapes (copied from Measurement.) |
| Sequences |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |

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## Maths Progression Ladder

|  | Sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening (copied from Measurement) | Compare and sequence intervals of time. (copied from Measurement) <br> Order and arrange combinations of mathematical objects in patterns. (copied from Geometry: position and direction) |  |  |  | Generate and describe linear number sequences. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Algebra Vocabulary |  |  |  |  |  |  |
| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  | Same as EYFS plus: <br> Solve <br> One-step problem <br> Missing number <br> Check <br> Calculate <br> problem <br> Sequence <br> Chronological | Same as EYFS plus: <br> Inverse <br> Relationship <br> Compare <br> Order <br> Arrange <br> Pattern | Same as EYFS \& KS1 plus: | Same as previous year groups plus: <br> Perimeter <br> Algebra <br> Algebraically | Same as previous year groups plus: <br> Properties <br> Rectangles <br> Deduce <br> Related facts <br> Missing lengths <br> Missing angles | Same as previous year groups plus: Missing number <br> Problem <br> Pairs <br> Number sentence <br> Variables <br> Combination <br> Possibility <br> Enumerate <br> Equation <br> Formulae <br> Generate <br> Linear number <br> sequence |
| Ratio and Proportion |  |  |  |  |  |  |
| Statements only appear in Year 6 but should be connected to previous learning, particularly fractions, multiplication and division. |  |  |  |  |  |  |

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