| Autumn | Transition  <br> and  <br> baseline  <br> assessment Match <br> 'Getting to Match ob <br> Match pi  <br> know you' objects <br> Identify <br>  <br> Sort obj <br>  <br>  <br>  <br>  <br>  <br> Explore <br> techniqu <br> Create s <br>  <br> Compare | , Sort and Talk <br> jpare and <br> set Comp <br> comp  <br> sts to a type Comp <br> Explo  <br> patter  <br> corting Copy <br> simple Creat <br> amounts patte | out measure patterns <br> size <br> mass <br> capacity <br> simple <br> d continue <br> atterns <br> mple | It's me 1, 2, 3 <br> Find 1, 2 and 3 <br> Subitise 1, 2 <br> and 3 <br> Represent 1, 2 <br> and 3 <br> 1 more <br> 1 less <br> Composition of 1,2 and 3 | Circles and triangles Identify and name circles and triangles <br> Compare circles and triangles Shapes in the environment Describe position |  | $1,2,3,4,5$ <br> Find 4 and 5 <br> Subitise 4 and 5 <br> Represent 4 and 5 <br> 1 more <br> 1 less <br> Composition of 4 and 5 <br> Composition of 1-5 | Shapes with 4 sides Identify and name shapes with 4 sides Combine shapes with 4 sides Shapes in the environment My day and night |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Spring | Alive in 5 <br> Introduce zero <br> Find 0 to 5 <br> Subitise 0 to 5 <br> Represent 0 to 5 <br> 1 more <br> 1 less <br> Composition <br> Conceptual subitising to 5 | Mass and Capacity <br> Comparing mass <br> Find a balance <br> Explore capacity <br> Compare capacity | Growing 6, 78 <br> Find 6, 7 and 8 <br> Represent 6, 7 and 8 1 more <br> 1 less <br> Composition of 6, 7 and 8 <br> Make pairs - odd and even <br> Double to 8 (find a double) <br> Double to 8 (make a double) <br> Combine 3 groups <br> Conceptual subitising |  | Length, height and time <br> Explore length <br> Compare length <br> Explore height <br> Compare height <br> Talk about time <br> Order and sequence time | Find <br> Com <br> Repr <br> Conc <br> 1 mo <br> 1 les <br> Com <br> Bond <br> Mak <br> Bond <br> Doub <br> doub <br> Doub <br> doub <br> Expl | ilding 9 and 10 <br> nd 10 <br> e numbers to 10 <br> nt 9 and 10 <br> ual subitising to 10 <br> ition to 10 <br> 10 (2 parts) <br> rangements to 10 <br> 10 (3 parts) <br> to 10 (find a <br> to 10 (make a <br> even and odd | Explore 3D shapes Recognise and name 3D shapes Find 2D shapes within 3D shapes Use 2D shapes for tasks 3D shapes in the environment Identify more complex patterns Copy and continue patterns Patterns in the environment |

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| Summer | To 20 and beyond Build numbers beyond 10 (10-13) Continue patterns beyond 10 (10-13) Build numbers beyond 10 (14-20) Continue patterns beyond 10 (14-20) Verbal counting beyond 20 Verbal counting patterns | How many now? <br> Add more How many did I add? Take away How many did I take away? | Manipulate, compose and decompose <br> Select shapes for a purpose <br> Rotate shapes <br> Manipulate shapes <br> Explain shape <br> arrangements <br> Compose shapes <br> Decompose shapes <br> Copy 2D shape pictures <br> Find 2D shapes within 3D shapes | Sharing and grouping Explore sharing Sharing Explore grouping Grouping Even and odd sharing Play with and build doubles | Visualise, build and map <br> Identify units of repeating <br> patterns <br> Create own pattern rules <br> Explore own pattern rules <br> Replicate and build scenes and <br> constructions <br> Visualise from different <br> positions <br> Describe positions <br> Give instructions to build <br> Explore mapping <br> Represent maps with models <br> Create own maps from familiar <br> places <br> Create own maps and plan from story situations | Make connections <br> Deepen understanding Patterns and relationships |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

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|  | Missing number problems |  | ms | \|l|l |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Summer | $\quad$Multiplication and <br> $\quad$ <br> $\quad$ Division <br> Week $1-3$Count in 2 sCount in 10 sCount in 5 sRecognise equal groupsAdd equal groupsMake arraysMake doublesMake equal groups -groupingMake equal groups -sharing | Fractions <br> Week 4-5 <br> Recognise half of an object or shape <br> Find a half of an object or shape <br> Recognise half of a quantity Find a half of a quantity Recognise a quarter of an an object or a shape <br> Find a quarter of an object or a shape <br> Recognise a quarter of a quantity Find a quarter of a quantity | Position and direction <br> Week 6 <br> Describe turns <br> Describe position - left and right <br> Describe position forwards and backwards Describe position - above and below Ordinal numbers | Place Value (100) <br> Week 7-8 <br> Count from 50-100 <br> Tens to 100 <br> Partition into tens and ones <br> The number line to 100 <br> 1 more 1 less <br> Compare numbers with the same number of tens Compare any two numbers | Money <br> $\quad$ Week 9 <br> Unitising <br> Recognise coins <br> Recognise notes <br> Count in coins | Time <br> Week 10-11 <br> Before and after Days of the week Months of the year Hours, minutes, seconds Tell the time to the house <br> Tell the time to half hour |

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## Statements in blue highlight the teacher assessment framework

| Autumn | Place Value <br> Week 1-4 <br> Numbers to 20 <br> Count objects to 100 by making 10s <br> Recognise tens and ones <br> Use a place value chart <br> Partition numbers to 100 <br> Write numbers to 100 in words <br> Flexibly partition numbers to 100 <br> Write numbers to 100 in expanded form <br> 10 s on the number line to 100 <br> 10 s and 1 s on the number line to 100 <br> Estimate numbers on a number line <br> Compare objects <br> Compare numbers <br> Order objects and numbers <br> Count in $2 \mathrm{~s}, 5 \mathrm{~s}$ and 10 s <br> Count in 3s | Addition and subtraction <br> Week 5-9 <br> Bonds to 10 <br> Fact families - addition/subtraction within 20 <br> Related facts <br> Bonds to 100 (tens) <br> Add and subtract 1s <br> Add by making 10 <br> Ad 31 digit numbers <br> Add to the next 10 <br> Add across a 10 <br> Subtract across 10 <br> Subtract from a 10 <br> Subtract a 1 digit from a digit (across a 10) <br> 10 more, 10 less <br> Add and subtract 10 s <br> Add two 2 digit numbers (not across a 10) <br> Add two 2 digit numbers (across a 10) <br> Subtract two 2 digit numbers (not across a 10) <br> Subtract two 2 digit numbers (across a 10) <br> Mixed addition and subtraction <br> Compare number sentences <br> Missing number problems <br> TAF GDS <br> Use reasoning about numbers and relationships to solve more complex problems and explain their thinking (e.g. $29+$ $17=15+4+$; 'together Jack and Sam have $£ 14$. Jack has $£ 2$ more than Sam. How much money does Sam have?' etc.) Solve unfamiliar word problems that involve more than one step (e.g. 'which has the most biscuits, 4 packets of biscuits with 5 in each packet or 3 packets of biscuits with 10 in each packet?') | Shape <br> Week 10-12 <br> Recognise 2D and 3D shapes <br> Count sides on 2D shapes <br> Count vertices on 2D shapes <br> Draw 2D shapes <br> Lines of symmetry on shapes <br> Use lines of symmetry to complete shapes <br> Sort 2D shapes <br> Count faces on 3D shapes <br> Count edges on 3D shapes <br> Count vertices on 3D shapes <br> Sort 3D shapes <br> Make patterns with 2D and 3D shapes <br> TAF GDS <br> Describe similarities and differences of 2-D and 3- <br> D shapes, using their properties (e.g. that two different 2-D shapes both have only one line of symmetry; that a cube and a cuboid have the same number of edges, faces and vertices, but different dimensions). |
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| Spring | Multiplication and Division <br> Week 1 - 5 <br> Recognise equal groups <br> Make equal groups <br> Add equal groups <br> Introduce multiplication symbol <br> Multiplication sentences <br> Use arrays <br> Make equal groups - grouping <br> Make equal groups - sharing <br> The 2 times table <br> Divide by 2 <br> Doubling and halving <br> Odd and even numbers <br> 10 times table <br> Divide by 10 <br> 5 times table <br> Divide by 5 <br> The 5 and 10 times table <br> TAF GDS <br> Recall and use multiplication and division facts for 2, 5 and 10 and make deductions outside known multiplication facts |  | Money <br> $\quad$ Week 6-7 <br> Count money - pence <br> Count money - pounds <br> Count money - pence and <br> pounds <br> Choose notes and coins <br> Make the same amount <br> Compare amounts of money <br> Calculate with money <br> Make a pound <br> Find change <br> Two-step problems |  | Fractions <br> Week 8-11 <br> Introduction to parts and wholes <br> Equal and unequal parts <br> Recognise a half <br> Find a half <br> Recognise a quarter <br> Find a quarter <br> Recognise a third <br> Find a third <br> Find the whole <br> Unit fractions <br> Non-unit fractions <br> Recognise equivalence of a half <br> and two quarters <br> Recognise three quarters <br> Find three quarters <br> Count in fractions up to a whole |  |  |  | Time <br> Week 12-13 <br> O'clock and half past Quarter past and quarter to Tell time past the hour Tell time to the house Tell time to 5 minutes Minutes in an hour Hours in a day |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Summer | Time <br> Week $1-2$ <br> O'clock and half past <br> Quarter past and quarter to <br> Tell time past the hour <br> Tell time to the house <br> Tell time to 5 minutes <br> Minutes in an hour <br> Hours in a day | Make <br> Table <br> Block <br> Draw <br> Interp <br> Draw | Statistics <br> Week 3-4 <br> ly charts <br> grams tograms (Scale 1) <br> pictogram (Scale 1) <br> tograms ( $2,5,10$ ) | Measu <br> Measu <br> Compa <br> height <br> Order <br> Four o <br> length | nd Height 5-6 entimetres etres ths and <br> and heights ns with eights | Mass, capacity and temperature <br> Week 7-9 <br> Compare mass <br> Measure in grams <br> Measure in kilograms <br> Four operations with miss <br> Compare volume and capacity <br> Measure in millilitres <br> Measure in litres |  |  | mperature $\begin{array}{c}\text { Position and Direction } \\ \text { Week 10-11 }\end{array}$ <br> Language of position  <br> Describe movement  <br> Describe turns $\}$Describe movement and <br> turns <br> Shape patterns with turns |


|  |  | Interpret pictograms (2,5, <br> $10)$ <br> TAF GDS <br> Read scales where not all <br> numbers on the scale are <br> given and estimate points in <br> between | Four operations with volume <br> and capacity <br> Temperature |
| :--- | :--- | :--- | :--- | :--- | :--- |


| Autumn | $\quad$Place Value <br> Week $1-3$Represent numbers to 100Partition numbers to 100Number line to 100HundredsRepresent numbers to 1,000Partition numbers to 1,000Flexible partitioning of numbers to 1,000Hundreds, tens and onesFind 1, 10, 100 more or less | Addition and subtraction <br> Week 4-8 <br> Apply number bonds within 10 <br> Add and subtract 1s <br> Add and subtract 10 s <br> Add and subtract 100s <br> Spot the pattern <br> Add 1s across a 10 <br> Add 10 s across a 100 <br> Subtract 1 s across a 10 <br> Subtract 10 s across a 100 | $\quad$Multiplication <br> Week $9-12$Multiplication - equal groupsUse arraysMultiples of 2Multiples of 5 and 10Sharing and groupingMultiply by 3Divide by 3The 3 times tableMultiply by 4 |
| :---: | :---: | :---: | :---: |

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|  | Number line to 1,000 <br> Estimate on a number line to 1,000 <br> Compare numbers to 1,000 <br> Order numbers to 1,000 <br> Count in 50s | Make connections <br> Add 2 numbers (no exchange) <br> Subtract 2 numbers (no exchange) <br> Add 2 numbers (across a 10) <br> Add 2 numbers (across a 100) <br> Subtract 2 numbers (across a 10) <br> Subtract 2 numbers (across a 100) <br> Add 2 digit and 3 digit numbers <br> Subtract a 2 digit from a 3 digit number <br> Complements to 100 <br> Estimate answers <br> Inverse operations <br> Make decisions |  |  |  | Divide by 4 <br> The 4 times table <br> Multiply by 8 <br> Divide by 8 <br> The 8 times table <br> The 2,4 and 8 times tables |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Spring | Multiplication and division <br> Week 1-3 <br> Multiples of 10 <br> Related calculations <br> Reasoning about multiplication <br> Multiply 2 digit by 1 digit - no exchange <br> Multiply 2 digit by 1 digit - exchange Link multiplication and division Divide 2 digit by 1 digit - no exchange Divide 2 digit by 1 digit - flexible partitioning Divide a 2 digit by 1 digit - remainders Scaling How many ways | Length and Perimeter <br> Week 4-6 <br> Measure in M and CM <br> Measure in MM <br> Measure in CM and MM <br> Equivalent lengths $M$ and $C M$ <br> Equivalent length $C M$ and $M M$ <br> Compare lengths <br> Add lengths <br> Subtract lengths <br> What is perimeter <br> Calculate perimeter |  | Fractions <br> Week 7-9 <br> Understand denominators <br> Compare and order unit fractions <br> Understand numerator - non unit fractions <br> Understand the whole Compare and order non-unit fractions <br> Fractions and scales <br> Fractions on a number line <br> Count in fractions on a number line Equivalent fractions |  | Mass and capacity <br> Week 10-12 <br> Use scales <br> Measure mass in grams <br> Measure mass in KG and G <br> Equivalent masses (KG and G) <br> Compare mass <br> Add and subtract mass <br> Measure capacity and volume in ML <br> Measure capacity and volume in L and ML <br> Equivalent capacities ML and L <br> Compare capacity and volume <br> Add and subtract capacity and volume |  |
| Summer | Fractions  <br> $\quad$ Week 1-2  <br> Add fractions Poun <br> Subtract fractions Co <br> Partition the whole penc | Money <br> Week 3-4 unds and pence vert pounds and ce | Roman Tell the Tell the | Time <br> Week 5-7 <br> merals to 12 <br> me to 5 minutes <br> me to the minute | Turns and Right angle Compare a | Shape <br> ek 8 - 9 les <br> es | Statistics <br> Week 10-12 <br> Interpret pictograms <br> Draw pictograms <br> Interpret bar charts |

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| Autumn | Place Value <br> Week 1-4 <br> Represent numbers to 1,000 <br> Partition numbers to 1,000 <br> Number line to 1,000 <br> Thousands <br> Represent numbers to 10,000 <br> Partition numbers to 10,000 <br> Flexible partitioning of numbers to 10,000 <br> Find 1, 10, 100, 1,000 more or less <br> Number line to10,000 <br> Estimate on a number line to 10,000 <br> Compare numbers to 10,000 <br> Order numbers to 10,000 <br> Roman numerals <br> Round to nearest 10 <br> Round to nearest 100 <br> Round to nearest 1,000 <br> Round to nearest 10,100 or 1,000 | Addition and Wee Add and subtract 1s, 10s Add up to 24 digit numb Add 24 digit numbers - Add 24 digit numbers - Subtract 24 digit numbe Subtract 24 digit numbe Subtract 24 digit numbe Efficient subtraction Estimate answers Checking strategies | subtraction <br> 5-7 <br> 100 s and 1,000s <br> rs - no exchange <br> exchange <br> ore than 1 exchange <br> - no exchange <br> - one exchange <br> - more than 1 exchange | Area <br> Week 8 <br> What is area? <br> Count squares <br> Make shapes <br> Compare areas | Multiplication and Division <br> Week 9-11 <br> Multiples of 3 <br> Multiply and divide by 6 <br> 6 times table and division facts <br> Multiply and divide by 9 <br> 9 times table and division facts <br> The 3, 6 and 9 times tables <br> Multiply and divide by 7 <br> 7 times table and division facts <br> 11 times table and division facts <br> 12 times table and division facts <br> Multiply y 1 and 0 <br> Divide a number by 1 and itself |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spring | Multiplication and division <br> Week 1 - 3 <br> Multiply three number <br> Factor pairs <br> Use factor pairs <br> Multiply by 10 <br> Multiply by 100 <br> Divide by 100 <br> Divide by 10 <br> Divide by 100 <br> Related facts <br> Informal written methods for <br> multiplication and division | Length and Perimeter <br> Week 4-5 <br> Measure in KM and M <br> Equivalent lengths KM and $M$ <br> Perimeter on a grid <br> Perimeter of a rectangle <br> Perimeter of rectilinear <br> shapes <br> Missing lengths of rectilinear shapes Calculate the perimeter of rectilinear shapes | Fractions <br> Week 6-9 <br> Understand the whole Count beyond 1 Partition a mixed number Number lines with mixed Compare and order mixed Understand improper fra Convert mixed numbers to fractions <br> Convert improper fractio numbers <br> Equivalent fractions on a | umbers numbers ons improper to mixed mber line | Decimals <br> Week 10-12 <br> ths as fractions ths as decimals ths on a place vale chary ths on a number line de 1 digit by 1 de 2 digit by 10 dredths as fractions dredths as decimals dredths on a place value chart de 1 or 2 digit number by 100 |



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| Autumn | Place Value <br> Week 1 - 3 <br> Roman numerals to 1,000 <br> Numbers to 10,000 <br> Numbers to 100,000 <br> Numbers to 1,000,000 <br> Read and write numbers to <br> 1,000,000 <br> Powers of 10 <br> 10/100/1,000/10,000/100,000 <br> more or less <br> Partition numbers to 1,000,000 <br> Number line to 1,000,000 <br> Compare and order numbers to 100,000 <br> Compare and order numbers to <br> 1,000,000 <br> Round to the nearest 10, 100, <br> 1,000 <br> Round within 100,000 <br> Round within 1,000,000 | Addition and subtraction <br> Week 4-5 <br> Mental strategies <br> Add whole numbers with more than 4 digits <br> Subtract whole numbers with more than 4 digits <br> Round to check answers Inverse operations (addition and subtraction) <br> Multi-step addition and subtraction problems Compare calculations Find missing numbers | Multiplication/Division <br> Week 6-8 <br> Multiples <br> Common multiples <br> Factors <br> Common factors <br> Prime numbers <br> Square numbers <br> Cube numbers <br> Multiply by 10, 100, 1,000 <br> Divide by $10,100,1,000$ <br> Multiples of 10, 100 and 1,000 |  |  | Fractions <br> Week 9-12 <br> Find fractions equivalent to a unit fraction <br> Find fractions equivalent to a non-unit fraction <br> Recognise equivalent fractions <br> Convert improper fractions to mixed numbers <br> Convert mixed numbers to improper fractions <br> Compare fractions less than 1 <br> Order fractions less than 1 <br> Compare and order fractions greater than 1 <br> Add and subtract fractions with the same <br> denominator <br> Add fractions within 1 <br> Add fractions with a total greater than 1 <br> Add to a mixed number <br> Add 2 mixed numbers <br> Subtract fractions <br> Subtract from a mixed number <br> Subtract from a mixed number - breaking the whole <br> Subtract 2 mixed numbers |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Spring | Multiplication and division <br> Week 1-3 <br> Multiply up to a 4 digit number by a 1 digit <br> Multiply a 2 digit by a 2 digit <br> Multiply a 2 digit by a 2 digit <br> Multiply 3 digit number by 2 digit <br> number <br> Multiply 4 digit by 2 digit <br> Solve problems <br> Short division <br> Divide 4 digit by 1 digit <br> Divide with remainders <br> Efficient division | Fractions <br> Week 4-5 <br> Multiply a unit fraction by an integer <br> Multiply a non-unit fraction by an integer <br> Multiply a mixed number by an integer <br> Calculate a fraction of a quantity <br> Fraction of an amount <br> Find the whole <br> Use fractions as operators | Decimals and Percentages <br> Week 6-8 <br> Decimals up to 2 decimal places <br> Equivalent fractions and decimals (tenths) <br> Equivalent fractions and decimals (hundredths) Equivalent fractions and decimals <br> Thousandths as fractions Thousandths as decimals Thousandths on a place value chart | Perimeter and area <br> Week 9-10 <br> Perimeter of rectangles <br> Perimeter of rectilinear <br> shapes <br> Perimeter of polygons <br> Area of rectangles <br> Area of compound shapes <br> Estimate area |  | Perimeter and area Statistics <br> Week $9-10$ <br> Week 11-12 $\}$Draw line graphs <br> Read and interpret line <br> graphs <br> Reader of rectangles |


|  | Solve problems |  | Order and compare decimals (same dec place) <br> Order and compare decimals up to 3 de places <br> Round to the neare number <br> Round to 1 decimal Understand percen Percentages as frac Percentages as dec Equivalent fractions decimals and perce | al <br> ny <br> mal <br> whole <br> pace <br> ges <br> ons <br> als <br> ages |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Summer | Geometry <br> Week 1-3 <br> Understand and use degrees <br> Classify angles <br> Estimate angles <br> Measure anges up to 180 <br> Draw lines and angles <br> accurately <br> Calculate angles around a <br> point <br> Calculate angles on a straight line <br> Lengths and angles in shapes <br> Regular and irregular polygons <br> 3D shapes | Position and Direction <br> Week 4-5 <br> Read and plot coordinates <br> Problem solving with <br> coordinates <br> Translation <br> Translation with coordinates Lines of symmetry Reflection in horizontal and vertical lines | Decimals <br> Week 6-8 <br> Use known facts to add and subtract decimals within 1 Complements to 1 <br> Add and subtract decimals across 1 <br> Add decimals with the same number of decimal places Subtract decimals with the same number of decimals Add decimals with different number of decimal places Subtract decimals with different numbers of decimal places <br> Efficient strategies for adding and subtracting decimals Decimal sequences Multiply by 10, 100 and 1000 Divide by 10,100 and 1000 | Negative Numbers <br> Week 9 <br> Understand negative numbers <br> Count through zero in 1s Count through 0 in multiples Compare and order negative numbers Find the difference | Converting Units <br> Week 10-11 <br> Kilograms and <br> kilometres <br> Millimetres and millilitres <br> Convert units of length <br> Convert between metric and imperial units Convert units of time <br> Calculate with timetables | Volume <br> Week 12 <br> Cubic centimetres Compare volume Estimate volume Estimate capacity |

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| Autumn | Place Value <br> Week 1 - 2 <br> Numbers to 1,000,000 <br> Numbers to 10,000,000 <br> Read and write numbers to 10,000,000 <br> Powers of 10 <br> Number line to $10,000,000$ <br> Compare and order any integers <br> Round any integer <br> Negative numbers | Addition and subtraction, multiplication and division <br> Week 3-7 <br> Add and subtract integers <br> Common factors <br> Common multiples <br> Rules of divisibility <br> Primes to 100 <br> Square and cube numbers <br> Multiply up to a 4 digit number by a 2 digit number <br> Solve problems with multiplication <br> Short division <br> Division using factors <br> Introduction to long division <br> Long division with remainders <br> Solve problems with division <br> Solve multi-step problems <br> Order of operations <br> Mental calculations and estimation <br> Reason from known facts |  | Fra Equivalent fractions Equivalent fractions on Compare and order ( Compare and order ( Add and subtract sim Add and subtract any Add mixed numbers Subtract mixed numb Multi-step problems Multiply fractions by Multiply fractions by Divide a fraction by a Divide any fraction by Mixed questions with Fraction of an amount Fraction of an amount | ions $8-11$ <br> nd simplifying <br> a number line enominator) umerator) <br> le fractions wo fractions <br> rs <br> integers <br> ractions <br> integer <br> an integer <br> fractions <br> - find the whole | Converting Units <br> Week 12 <br> ric measures vert metric measures ulate with metric asures es and kilometres erial measures |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Spring | Ratio <br> Week 1-2 <br> Add or multiply <br> Use ratio language <br> Introduction to the ratio <br> symbol <br> Ratio and fractions <br> Scale drawing <br> Use scale factors <br> Similar shapes <br> Ratio problems <br> Proportion problems <br> Recipes | $\quad$ Algebra <br> $\quad$ Week $3-4$ <br> 1 step function <br> machines <br> 2 step function <br> machines <br> Form expression <br> Substitution <br> Formulae <br> Form equations <br> 1 step problems <br> 2 step problems <br> Find pairs of values | Decimals <br> Week 5-6 <br> Place value within 1 Place value integers and decimals Round decimals Add and subtract decimals Multiply by 10, 100, 1000 Divide by 10, 100, 1000 Multiply decimals by integers | Fractions, Decimals and Percentages <br> Week 7 - 8 <br> Decimal and fraction equivalents <br> Fractions as division <br> Understand percentages <br> Fractions as percentages Equivalent fractions, decimals and percentages | Area, perimeter and volume <br> Week 9-10 <br> Shapes - same area <br> Area and perimeter <br> Area of a triangle - <br> counting squares <br> Area of a right angled triangle <br> Area of a parallelogram <br> Volume - counting cubes <br> Volume of a cuboid | Statistics <br> Week 11-12 <br> Line graphs <br> Dual bar charts <br> Read and interpret pie charts <br> Pie charts with percentages Draw pie charts The mean |



