

# Maths Overview by Term | Year 1 to Year 6

Autumn Term						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
1	Let's identify numbers	What's my number?	Understanding Place Value	Place Value and Ordering	A Million Numbers	Decimal Place Value
2	Let's represent numbers	What is place value?	Investigating Number Facts	Exploring Addition	What's the Total?	Choosing Methods
3	Let's add objects	Let's use number bonds	Mental Addition	Seeing Doubles	What's the Difference?	Subtraction Strategies
4	Let's subtract objects	What is multiplication?	Mental Subtraction	Exploring Subtraction	Measuring Shapes	Calculating Compound Shapes
5	Let's identify 2D Shapes	What is division?	2D Shape	Properties of 2D Shapes	Fractions and Proportion	Parts and Proportion
6	Let's compare length, height and mass	Let's explore 2D shapes	What is length?	Recording Length	Methods for Multiplying and Dividing	Practising Multiplication and Division
7	Let's find one more and one less	Let's use a ruler	Time	Data Handling	Angles and Triangles	Using Money
8	Let's add and subtract objects	Let's make a pictogram	Multiplication Facts	Multiplication and Division Facts	Changing Time	Mental Methods
9	Can you recognise these coins?	Let's use number patterns	Multiplying and Dividing	Revising Multiplication and Division	Squares, Cubes and Factors	Calculators
10	Let's find the value of coins	How can we add numbers?	Finding Fractions	Fractions and Time	Length, Weight and Capacity	Solving Data Problems
11	Let's identify 3D shapes	How can we subtract numbers?				
12	Let's use time language	Let's use pounds and pence				

# Maths Overview by Term | Year 1 to Year 6

Spring Term						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
1	Let's read, write and use numbers	How can we compare numbers?	Using Place Value	Comparing Numbers	Exploring Decimals	Working with Numbers
2	Let's count in twos, fives and tens	Let's learn our times tables	Doubling and Halving	Methods of Addition	Calculating Decimals	Calculating Fractions and Decimals
3	Let's learn number bonds	Let's explore 3D shapes	Partition Addition	Methods of Subtraction	Investigating Shapes	Grids and Coordinates
4	Let's make shapes	Let's measure weight	Solving Subtraction	Shape Angles	Decimals and Fractions	Parts, Percentages and Proportion
5	What is half?	Can we link addition and subtraction?	Space and 3D Shape	Measuring Weight	Let's Calculate	Mental Multiplication and Division
6	Let's tell the time	Can we link multiplication and division?	What is weight?	Presenting Data	Converting Measures	Measures
7	Let's use a number line	Let's find fractions	Organising Data	Using Multiplication and Division	Graphs and Diagrams	Mean, Mode and Median
8	Let's count in multiples	How can we tell the time?	Linking Multiplication and Division	Multiplication and Division Methods	Subtraction Methods	Using Subtraction and Addition
9	Let's solve missing number problems	Let's explore charts and tables	Using Division and Multiplication	Telling the Time	Solving Multiplication and Division	Difficult Division
10	Let's make totals using coins (part 1)	Let's explore position and direction	What's the time?	Fractions and Decimals	Calendars, Timetables and Calculators	Time and Money
11	Let's make totals using coins (part 2)	How hot is it?				
12	Let's compare mass and capacity	Let's solve problems				

# Maths Overview by Term | Year 1 to Year 6

Summer Term						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
1	Let's use numbers to 100	Let's multiply and divide	Rounding and Estimation	Rounding and Ordering Numbers	Positive and Negative Numbers	Comparing and Ordering Numbers
2	Let's use number facts	Let's add big numbers	Knowing Number Facts	Using Addition and Subtraction 1	Mental and Written Addition	Ratio and Proportion
3	Let's halve and quarter	Let's subtract big numbers	Let's Add and Subtract	Using Addition and Subtraction 2	Mental and Written Subtraction	Fractions, Decimals and Percentages
4	Let's find the total by grouping	Can we find fractions of numbers?	Using Times Tables	Multiplying Doubles and Digits	Symmetry, Reflection and Coordinates	Algebra
5	Let's share objects equally	Let's measure capacity	Shapes and Angles	Position and Direction	Factors and Multiples	Geometric Shapes
6	Which direction?	Let's go shopping	Multiplication Problems	Times Table Facts	Percentage and Proportion	More Multiplication and Division
7	Let's get confident with numbers	Let's make graphs	Clock Watching	Dividing and Multiplying	Primes, Squares and Cubes	More About Algebra
8	Let's identify and use shapes	Let's solve place value problems	What is Capacity?	Measuring Capacity	Formal Multiplication	Multiplying and Dividing Factors
9	Let's tell the time to half past the hour	What time is it?	Collecting and Sorting Data	Handling Data	Short Division	Charts and Graphs
10	Let's measure time	What's the answer?	Fractions in Action	Proportion Problems	Describing Data	Puzzles and Problems
11	Let's use money	Let's sort shapes and objects				
12	Let's measure	What is your position?				

# Year 1 : Maths Curriculum Overview

Please note that not all schemes of work are currently available. PlanBee is working hard to complete the remaining schemes as quickly as possible.



	Autumn Term	Spring Term	Summer Term
<b>Week 1</b>	<b>Let's identify numbers</b> <ul style="list-style-type: none"> <li>identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least</li> <li>read and write numbers from 1 to 20 in numerals and words</li> </ul>	<b>Let's read, write and use numbers</b> <ul style="list-style-type: none"> <li>given a number, identify one more and one less</li> <li>identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least</li> <li>read and write numbers from 1 to 20 in numerals and words</li> </ul>	<b>Let's use numbers to 100</b> <ul style="list-style-type: none"> <li>count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number</li> <li>given a number, identify one more and one less</li> <li>identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least</li> </ul>
<b>Week 2</b>	<b>Let's represent numbers</b> <ul style="list-style-type: none"> <li>identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least</li> <li>read and write numbers from 1 to 20 in numerals and words</li> </ul>	<b>Let's count in twos, fives and tens</b> <ul style="list-style-type: none"> <li>count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens</li> </ul>	<b>Let's use number facts</b> <ul style="list-style-type: none"> <li>read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</li> <li>represent and use number bonds and related subtraction facts within 20</li> <li>solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = \_ - 9</math></li> </ul>
<b>Week 3</b>	<b>Let's add objects</b> <ul style="list-style-type: none"> <li>read and write numbers from 1 to 20 in numerals and words</li> <li>read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</li> </ul>	<b>Let's learn number bonds</b> <ul style="list-style-type: none"> <li>read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</li> <li>represent and use number bonds and related subtraction facts within 20</li> </ul>	<b>Let's halve and quarter</b> <ul style="list-style-type: none"> <li>recognise, find and name a half as one of two equal parts of an object, shape or quantity</li> <li>recognise, find and name a quarter as one of four equal parts of an object</li> </ul>
<b>Week 4</b>	<b>Let's subtract objects</b> <ul style="list-style-type: none"> <li>read and write numbers from 1 to 20 in numerals and words</li> <li>read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</li> </ul>	<b>Let's make shapes</b> <ul style="list-style-type: none"> <li>recognise and name common 2-D and 3-D shapes</li> </ul>	<b>Let's find the total by grouping</b> <ul style="list-style-type: none"> <li>count in multiples of twos, fives and tens</li> <li>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</li> </ul>
<b>Week 5</b>	<b>Let's identify 2D Shapes</b> <ul style="list-style-type: none"> <li>recognise and name common 2-D and 3-D shapes</li> </ul>	<b>What is half?</b> <ul style="list-style-type: none"> <li>recognise, find and name a half as one of two equal parts of an object, shape or quantity</li> <li>recognise, find and name a quarter as one of four equal parts of an object</li> </ul>	<b>Let's share objects equally</b> <ul style="list-style-type: none"> <li>count in multiples of twos, fives and tens</li> <li>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</li> </ul>
<b>Week 6</b>	<b>Let's compare length, height and mass</b> <ul style="list-style-type: none"> <li>compare, describe and solve practical problems for:                             <ul style="list-style-type: none"> <li>lengths and heights (e.g. long/short, longer/shorter, tall/short, double/half)</li> <li>mass/weight (e.g. heavy/light, heavier than, lighter than)</li> </ul> </li> </ul>	<b>Let's tell the time</b> <ul style="list-style-type: none"> <li>sequence events in chronological order using language (e.g. before, after, next, first, today)</li> <li>recognise and use language relating to dates, including days of the week, weeks, months and years</li> <li>tell the time to the hour and half past the hour and draw hands on a clock face to show these times</li> </ul>	<b>Which direction?</b> <ul style="list-style-type: none"> <li>describe position, direction and movement, including whole, half, quarter and three quarter turns</li> </ul>
<b>Week 7</b>	<b>Let's find one more and one less</b> <ul style="list-style-type: none"> <li>given a number, identify one more and one less</li> <li>identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least</li> <li>read and write numbers from 1 to 20 in numerals and words</li> </ul>	<b>Let's use a number line</b> <ul style="list-style-type: none"> <li>read and write numbers from 1 to 20 in numerals and words</li> <li>identify and represent numbers using objects and pictorial representations including the number line</li> <li>given a number, identify one more and one less</li> <li>count read and write numbers to 100 in numerals</li> </ul>	<b>Let's get confident with numbers</b> <ul style="list-style-type: none"> <li>count read and write numbers to 100 in numerals; count in multiples of twos, fives and tens</li> <li>count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number</li> <li>identify and represent numbers using objects and pictorial representations including the number line</li> </ul>

# Year 1 : Maths Curriculum Overview

<p><b>Week 8</b></p>	<p><b>Let's add and subtract objects</b></p> <ul style="list-style-type: none"> <li>• read and write numbers from 1 to 20 in numerals and words</li> <li>• read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</li> </ul>	<p><b>Let's count in multiples</b></p> <ul style="list-style-type: none"> <li>• identify and represent numbers using objects and pictorial representations including the number line</li> <li>• count in multiples of twos, fives and tens</li> <li>• 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</li> </ul>	<p><b>Let's identify and use shapes</b></p> <ul style="list-style-type: none"> <li>• recognise and name common 2-D and 3-D shapes</li> </ul>
<p><b>Week 9</b></p>	<p><b>Can you recognise these coins?</b></p> <ul style="list-style-type: none"> <li>• recognise and know the value of different denominations of coins</li> </ul>	<p><b>Let's solve missing number problems</b></p> <ul style="list-style-type: none"> <li>• read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</li> <li>• represent and use number bonds and related subtraction facts within 20</li> <li>• add and subtract one-digit and two-digit numbers to 20, including zero</li> <li>• solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = \square - 9</math></li> </ul>	<p><b>Let's tell the time to half past the hour</b></p> <ul style="list-style-type: none"> <li>• compare, describe and solve practical problems for:               <ul style="list-style-type: none"> <li>- time (e.g. quicker, slower, earlier, later)</li> </ul> </li> <li>• recognise and use language relating to dates, including days of the week, weeks, months and years</li> <li>• tell the time to the hour and half past the hour and draw hands on a clock face to show these times</li> <li>• measure and begin to record the following               <ul style="list-style-type: none"> <li>- time (hours, minutes, seconds)</li> </ul> </li> </ul>
<p><b>Week 10</b></p>	<p><b>Let's find the value of coins</b></p> <ul style="list-style-type: none"> <li>• recognise and know the value of different denominations of coins</li> </ul>	<p><b>Let's make totals using coins (part 1)</b></p> <ul style="list-style-type: none"> <li>• recognise and know the value of different denominations of coins</li> <li>• count in multiples of twos, fives and tens</li> </ul>	<p><b>Let's measure time</b></p> <ul style="list-style-type: none"> <li>• compare, describe and solve practical problems for:               <ul style="list-style-type: none"> <li>• time (e.g. quicker, slower, earlier, later)</li> </ul> </li> <li>• recognise and use language relating to dates, including days of the week, weeks, months and years</li> <li>• tell the time to the hour and half past the hour and draw hands on a clock face to show these times</li> <li>• measure and begin to record the following               <ul style="list-style-type: none"> <li>• time (hours, minutes, seconds)</li> </ul> </li> </ul>
<p><b>Week 11</b></p>	<p><b>Let's identify 3D shapes</b></p> <ul style="list-style-type: none"> <li>• recognise and name common 2-D and 3-D shapes</li> </ul>	<p><b>Let's make totals using coins (part 2)</b></p> <ul style="list-style-type: none"> <li>• recognise and know the value of different denominations of coins and notes</li> <li>• count in multiples of twos, fives and tens</li> </ul>	<p><b>Let's use money</b></p> <ul style="list-style-type: none"> <li>• recognise and know the value of different denominations of coins and notes</li> </ul>
<p><b>Week 12</b></p>	<p><b>Let's use time language</b></p> <ul style="list-style-type: none"> <li>• sequence events in chronological order using language (e.g. before, after, next, first, today)</li> <li>• recognise and use language relating to dates, including days of the week, weeks, months and years</li> </ul>	<p><b>Let's compare mass and capacity</b></p> <ul style="list-style-type: none"> <li>• compare, describe and solve practical problems for:               <ul style="list-style-type: none"> <li>- mass/weight (e.g. heavy/light, heavier than, lighter than)</li> <li>- capacity and volume (e.g. full/empty, more than, less than, half, half full, quarter)</li> </ul> </li> <li>• measure and begin to record the following               <ul style="list-style-type: none"> <li>- lengths and heights</li> <li>- mass/weight</li> <li>- capacity and volume</li> </ul> </li> </ul>	<p><b>Let's measure</b></p> <ul style="list-style-type: none"> <li>• compare, describe and solve practical problems for:               <ul style="list-style-type: none"> <li>- lengths and heights (e.g. long/short, longer/shorter, tall/short, double/half)</li> <li>- mass/weight (e.g. heavy/light, heavier than, lighter than)</li> <li>- capacity and volume (e.g. full/empty, more than, less than, half, half full, quarter)</li> </ul> </li> <li>• measure and begin to record the following               <ul style="list-style-type: none"> <li>- lengths and heights</li> <li>- mass/weight</li> <li>- capacity and volume</li> </ul> </li> </ul>

# Year 2 : Maths Curriculum Overview

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	Autumn Term	Spring Term	Summer Term
<b>Week 1</b>	<p><b>What's my number?</b></p> <ul style="list-style-type: none"> <li>identify, represent and estimate numbers using different representations, including the number line</li> <li>read and write numbers to at least 100 in numerals and in words</li> </ul>	<p><b>How can we compare numbers?</b></p> <ul style="list-style-type: none"> <li>recognise the place value of each digit in a two-digit number (tens, ones)</li> <li>compare and order numbers from 0 up to 100; use <math>&lt;</math>, <math>&gt;</math> and <math>=</math> signs</li> <li>read and write numbers to at least 100 in numerals and in words</li> <li>use place value and number facts to solve problems</li> </ul>	<p><b>Let's multiply and divide</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers</li> <li>calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (<math>\times</math>), division (<math>\div</math>) and equals (<math>=</math>) signs</li> <li>show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot</li> <li>solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts</li> </ul>
<b>Week 2</b>	<p><b>What is place value?</b></p> <ul style="list-style-type: none"> <li>recognise the place value of each digit in a two-digit number (tens, ones)</li> <li>identify, represent and estimate numbers using different representations, including the number line</li> <li>compare and order numbers from 0 up to 100; use <math>&lt;</math>, <math>&gt;</math> and <math>=</math> signs</li> <li>use place value and number facts to solve problems</li> </ul>	<p><b>Let's learn our times tables</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers</li> <li>calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (<math>\times</math>), division (<math>\div</math>) and equals (<math>=</math>) signs</li> </ul>	<p><b>Let's add big numbers</b></p> <ul style="list-style-type: none"> <li>read and write numbers to at least 100 in numerals and in words</li> <li>add and subtract numbers using concrete objects, pictorial representations, and mentally, including                             <ul style="list-style-type: none"> <li>a two-digit number and tens</li> <li>two two-digit numbers</li> </ul> </li> </ul>
<b>Week 3</b>	<p><b>Let's use number bonds</b></p> <ul style="list-style-type: none"> <li>show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot</li> <li>solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures</li> <li>recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100</li> </ul>	<p><b>Let's explore 3D shapes</b></p> <ul style="list-style-type: none"> <li>identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces</li> <li>identify 2-D shapes on the surface of 3-D shapes</li> <li>compare and sort common 2-D and 3-D shapes and everyday objects</li> </ul>	<p><b>Let's subtract big numbers</b></p> <ul style="list-style-type: none"> <li>read and write numbers to at least 100 in numerals and in words</li> <li>add and subtract numbers using concrete objects, pictorial representations, and mentally, including                             <ul style="list-style-type: none"> <li>a two-digit number and tens</li> <li>two two-digit numbers</li> </ul> </li> </ul>
<b>Week 4</b>	<p><b>What is multiplication?</b></p> <ul style="list-style-type: none"> <li>calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (<math>\times</math>), division (<math>\div</math>) and equals (<math>=</math>) signs</li> <li>solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts</li> </ul>	<p><b>Let's measure weight</b></p> <ul style="list-style-type: none"> <li>choose and use appropriate standard units to estimate and measure mass (kg/g)</li> <li>compare and order lengths, mass, volume/capacity and record the results using <math>&gt;</math>, <math>&lt;</math> and <math>=</math></li> </ul>	<p><b>Can we find fractions of numbers?</b></p> <ul style="list-style-type: none"> <li>recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math> of a length, shape, set of objects or quantity</li> <li>write simple fractions for example, <math>\frac{1}{2}</math> of 6 = 3 and recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math></li> </ul>

# Year 2 : Maths Curriculum Overview

<p><b>Week 5</b></p>	<p><b>What is division?</b></p> <ul style="list-style-type: none"> <li>calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (<math>\times</math>), division (<math>\div</math>) and equals (=) signs</li> <li>solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts</li> </ul>	<p><b>Can we link addition and subtraction?</b></p> <ul style="list-style-type: none"> <li>recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100</li> <li>show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot</li> <li>recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems</li> </ul>	<p><b>Let's measure capacity</b></p> <ul style="list-style-type: none"> <li>choose and use appropriate standard units to estimate and measure capacity (litres/ml) to the nearest appropriate unit, using measuring vessels</li> <li>compare and order volume/capacity and record the results using <math>&gt;</math>, <math>&lt;</math> and <math>=</math></li> </ul>
<p><b>Week 6</b></p>	<p><b>Let's explore 2D shapes</b></p> <ul style="list-style-type: none"> <li>identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line</li> <li>compare and sort common 2-D and 3-D shapes and everyday objects</li> </ul>	<p><b>Can we link multiplication and division?</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers</li> <li>show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot</li> <li>solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts</li> </ul>	<p><b>Let's go shopping</b></p> <ul style="list-style-type: none"> <li>recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value</li> <li>find different combinations of coins that equal the same amounts of money</li> <li>solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change</li> </ul>
<p><b>Week 7</b></p>	<p><b>Let's use a ruler</b></p> <ul style="list-style-type: none"> <li>choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm)</li> <li>compare and order lengths, mass, volume/capacity and record the results using <math>&gt;</math>, <math>&lt;</math> and <math>=</math></li> </ul>	<p><b>Let's find fractions</b></p> <ul style="list-style-type: none"> <li>recognise, find, name and write fractions <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math> of a length, shape, set of objects or quantity</li> </ul>	<p><b>Let's make graphs</b></p> <ul style="list-style-type: none"> <li>interpret and construct simple pictograms, tally charts, block diagrams and simple tables</li> <li>ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity</li> <li>ask and answer questions about totalling and comparing categorical data</li> </ul>
<p><b>Week 8</b></p>	<p><b>Let's make a pictogram</b></p> <ul style="list-style-type: none"> <li>interpret and construct simple pictograms, tally charts, block diagrams and simple tables</li> <li>ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity</li> <li>ask and answer questions about totalling and comparing categorical data</li> </ul>	<p><b>How can we tell the time?</b></p> <ul style="list-style-type: none"> <li>compare and sequence intervals of time</li> <li>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</li> <li>know the number of minutes in an hour and the number of hours in a day</li> </ul>	<p><b>Let's solve place value problems</b></p> <ul style="list-style-type: none"> <li>count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward</li> <li>recognise the place value of each digit in a two-digit number (tens, ones)</li> <li>identify, represent and estimate numbers using different representations, including the number line</li> <li>use place value and number facts to solve problems</li> </ul>

## Year 2 : Maths Curriculum Overview

<p><b>Week 9</b></p>	<p><b>Let's use number patterns</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers</li> <li>count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward</li> <li>read and write numbers to at least 100 in numerals and in words</li> </ul>	<p><b>Let's explore charts and tables</b></p> <ul style="list-style-type: none"> <li>interpret and construct simple pictograms, tally charts, block diagrams and simple tables</li> <li>ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity</li> <li>ask and answer questions about totalling and comparing categorical data</li> </ul>	<p><b>What time is it?</b></p> <ul style="list-style-type: none"> <li>compare and sequence intervals of time</li> <li>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</li> <li>know the number of minutes in an hour and the number of hours in a day</li> </ul>
<p><b>Week 10</b></p>	<p><b>How can we add numbers?</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers using concrete objects, pictorial representations, and mentally, including adding three one-digit numbers</li> <li>solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures</li> <li>solve problems with addition and subtraction applying their increasing knowledge of mental and written methods</li> <li>add and subtract numbers using concrete objects, pictorial representations, and mentally, including a two-digit number and ones</li> <li>add and subtract numbers using concrete objects, pictorial representations, and mentally, including a two-digit number and tens</li> </ul>	<p><b>Let's explore position and direction</b></p> <ul style="list-style-type: none"> <li>order and arrange combinations of mathematical objects in patterns and sequences</li> <li>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)</li> </ul>	<p><b>What's the answer?</b></p> <ul style="list-style-type: none"> <li>solve problems with addition and subtraction:               <ul style="list-style-type: none"> <li>using concrete objects and pictorial representations, including those involving numbers, quantities and measures</li> <li>applying their increasing knowledge of mental and written methods</li> </ul> </li> <li>recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</li> <li>solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts</li> </ul>
<p><b>Week 11</b></p>	<p><b>How can we subtract numbers?</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; a two-digit number and tens</li> <li>solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures</li> </ul>	<p><b>How hot is it?</b></p> <ul style="list-style-type: none"> <li>choose and use appropriate standard units to estimate and measure temperature (<math>^{\circ}\text{C}</math>) to the nearest appropriate unit using scales and thermometers</li> <li>solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures</li> </ul>	<p><b>Let's sort shapes and objects</b></p> <ul style="list-style-type: none"> <li>compare and sort common 2-D and 3-D shapes and everyday objects</li> </ul>
<p><b>Week 12</b></p>	<p><b>Let's use pounds and pence</b></p> <ul style="list-style-type: none"> <li>recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value</li> <li>find different combinations of coins that equal the same amounts of money</li> <li>solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change</li> </ul>	<p><b>Let's solve problems</b></p> <ul style="list-style-type: none"> <li>solve problems with addition and subtraction:               <ul style="list-style-type: none"> <li>using concrete objects and pictorial representations, including those involving numbers, quantities and measures</li> <li>applying their increasing knowledge of mental and written methods</li> </ul> </li> <li>recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems</li> </ul>	<p><b>What is your position?</b></p> <ul style="list-style-type: none"> <li>order and arrange combinations of mathematical objects in patterns and sequences</li> <li>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)</li> </ul>



# Year 3 : Maths Curriculum Overview

Please note that not all schemes of work are currently available. PlanBee is working hard to complete the remaining schemes as quickly as possible.



	Autumn Term	Spring Term	Summer Term
<b>Week 1</b>	<p><b>Understanding Place Value</b></p> <ul style="list-style-type: none"> <li>recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</li> <li>compare and order numbers up to 1000</li> <li>read and write numbers up to 1000 in numerals and in words</li> <li>solve number problems and practical problems involving these ideas</li> <li>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li> <li>count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number</li> </ul>	<p><b>Using Place Value</b></p> <ul style="list-style-type: none"> <li>recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</li> <li>compare and order numbers up to 1000</li> <li>read and write numbers up to 1000 in numerals and in words</li> <li>solve number problems and practical problems involving these ideas</li> <li>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li> </ul>	<p><b>Rounding and Estimation</b></p> <ul style="list-style-type: none"> <li>recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</li> <li>compare and order numbers up to 1000</li> <li>identify, represent and estimate numbers using different representations</li> </ul>
<b>Week 2</b>	<p><b>Investigating Number Facts</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers mentally, including:                             <ul style="list-style-type: none"> <li>a three-digit number and ones</li> <li>a three-digit number and tens</li> <li>a three-digit number and hundreds</li> </ul> </li> <li>estimate the answer to a calculation and use inverse operations to check answers</li> <li>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li> </ul>	<p><b>Doubling and Halving</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers mentally, including a three-digit number and ones; a three-digit number and tens; a three-digit number and hundreds</li> <li>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li> </ul>	<p><b>Knowing Number Facts</b></p> <ul style="list-style-type: none"> <li>count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number</li> <li>add and subtract numbers mentally, including:                             <ul style="list-style-type: none"> <li>a three-digit number and ones</li> <li>a three-digit number and tens</li> <li>a three-digit number and hundreds</li> </ul> </li> <li>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li> </ul>
<b>Week 3</b>	<p><b>Mental Addition</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers mentally, including a three-digit number and ones; a three-digit number and tens; a three-digit number and hundreds</li> <li>estimate the answer to a calculation and use inverse operations to check answers</li> <li>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li> <li>add and subtract amounts of money to give change, using both £ and p in practical contexts</li> </ul>	<p><b>Partition Addition</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers mentally, including a three-digit number and ones; a three-digit number and tens; a three-digit number and hundreds</li> <li>estimate the answer to a calculation and use inverse operations to check answers</li> <li>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li> </ul>	<p><b>Let's Add and Subtract</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction</li> <li>estimate the answer to a calculation and use inverse operations to check answers</li> <li>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li> </ul>
<b>Week 4</b>	<p><b>Mental Subtraction</b></p> <ul style="list-style-type: none"> <li>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li> <li>add and subtract amounts of money to give change, using both £ and p in practical contexts</li> </ul>	<p><b>Solving Subtraction</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction</li> <li>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li> <li>estimate the answer to a calculation and use inverse operations to check answers</li> </ul>	<p><b>Using Times Tables</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> <li>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</li> <li>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 objects</li> </ul>

# Year 3 : Maths Curriculum Overview

<p><b>Week 5</b></p>	<p><b>2D Shape</b></p> <ul style="list-style-type: none"> <li>measure the perimeter of simple 2-D shapes</li> <li>draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them</li> </ul>	<p><b>Space and 3D Shape</b></p> <ul style="list-style-type: none"> <li>draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them</li> </ul>	<p><b>Shapes and Angles</b></p> <ul style="list-style-type: none"> <li>draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them</li> <li>recognise angles as a property of shape or a description of a turn</li> <li>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</li> <li>identify horizontal and vertical lines and pairs of perpendicular and parallel lines</li> </ul>
<p><b>Week 6</b></p>	<p><b>What is length?</b></p> <ul style="list-style-type: none"> <li>measure, compare, add and subtract: lengths (m/cm/mm)</li> </ul>	<p><b>What is weight?</b></p> <ul style="list-style-type: none"> <li>measure, compare, add and subtract: mass (kg/g)</li> </ul>	<p><b>Multiplication Problems</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> <li>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</li> <li>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 objects</li> </ul>
<p><b>Week 7</b></p>	<p><b>Time</b></p> <ul style="list-style-type: none"> <li>tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</li> <li>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</li> <li>know the number of seconds in a minute and the number of days in each month, year and leap year</li> <li>compare durations of events</li> </ul>	<p><b>Organising Data</b></p> <ul style="list-style-type: none"> <li>interpret and present data using bar charts, pictograms and tables</li> <li>solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables</li> </ul>	<p><b>Clock Watching</b></p> <ul style="list-style-type: none"> <li>tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</li> <li>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</li> <li>know the number of seconds in a minute and the number of days in each month, year and leap year</li> <li>compare durations of events</li> </ul>
<p><b>Week 8</b></p>	<p><b>Multiplication Facts</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> <li>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 objects</li> </ul>	<p><b>Linking Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> <li>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</li> <li>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 objects</li> </ul>	<p><b>What is Capacity?</b></p> <ul style="list-style-type: none"> <li>measure, compare, add and subtract: volume/capacity (l/ml)</li> </ul>

# Year 3 : Maths Curriculum Overview

<p><b>Week 9</b></p>	<p><b>Multiplying and Dividing</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> <li>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</li> <li>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 objects</li> </ul>	<p><b>Using Division and Multiplication</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> <li>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</li> <li>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 objects</li> </ul>	<p><b>Collecting and Sorting Data</b></p> <ul style="list-style-type: none"> <li>interpret and present data using bar charts, pictograms and tables</li> <li>solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables</li> </ul>
<p><b>Week 10</b></p>	<p><b>Finding Fractions</b></p> <ul style="list-style-type: none"> <li>count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10</li> <li>recognise, find and write fractions of a discrete set of objects: unit fractions and non- unit fractions with small denominators</li> <li>recognise and show, using diagrams, equivalent fractions with small denominators</li> <li>compare and order unit fractions, and fractions with the same denominators</li> <li>solve problems that involve all of the above</li> </ul>	<p><b>What's the time?</b></p> <ul style="list-style-type: none"> <li>tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</li> <li>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</li> <li>compare durations of events</li> </ul>	<p><b>Fractions in Action</b></p> <ul style="list-style-type: none"> <li>recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators</li> <li>recognise and show, using diagrams, equivalent fractions with small denominators</li> <li>add and subtract fractions with the same denominator within one whole</li> <li>compare and order unit fractions, and fractions with the same denominators</li> <li>solve problems that involve all of the above</li> </ul>

# Year 4 : Maths Curriculum Overview

Please note that not all schemes of work are currently available. PlanBee is working hard to complete the remaining schemes as quickly as possible.



	Autumn Term	Spring Term	Summer Term
<b>Week 1</b>	<b>Place Value and Ordering</b> <ul style="list-style-type: none"> <li>count in multiples of 6, 7, 9, 25 and 1000</li> <li>find 1000 more or less than a given number</li> <li>recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)</li> <li>order and compare numbers beyond 1000</li> <li>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</li> </ul>	<b>Comparing Numbers</b> <ul style="list-style-type: none"> <li>find 1000 more or less than a given number</li> <li>count backwards through zero to include negative numbers</li> <li>recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)</li> <li>order and compare numbers beyond 1000</li> <li>identify, represent and estimate numbers using different representations</li> <li>solve number and practical problems that involve all of the above and with increasingly large positive numbers</li> </ul>	<b>Rounding and Ordering Numbers</b> <ul style="list-style-type: none"> <li>count in multiples of 6, 7, 9, 25 and 1000</li> <li>recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)</li> <li>order and compare numbers beyond 1000</li> <li>identify, represent and estimate numbers using different representations</li> <li>round any number to the nearest 10, 100 or 1000</li> <li>solve number and practical problems that involve all of the above and with increasingly large positive numbers</li> </ul>
<b>Week 2</b>	<b>Exploring Addition</b> <ul style="list-style-type: none"> <li>add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> <li>solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</li> </ul>	<b>Methods of Addition</b> <ul style="list-style-type: none"> <li>add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> <li>estimate and use inverse operations to check answers to a calculation</li> <li>solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</li> </ul>	<b>Using Addition and Subtraction 1</b> <ul style="list-style-type: none"> <li>add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> <li>estimate and use inverse operations to check answers to a calculation</li> <li>solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</li> </ul>
<b>Week 3</b>	<b>Seeing Doubles</b> <ul style="list-style-type: none"> <li>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</li> <li>multiply two-digit and three-digit numbers by a one-digit number using formal written layout</li> </ul>	<b>Methods of Subtraction</b> <ul style="list-style-type: none"> <li>add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> <li>solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</li> </ul>	<b>Using Addition and Subtraction 2</b> <ul style="list-style-type: none"> <li>add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> <li>estimate and use inverse operations to check answers to a calculation</li> <li>solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</li> </ul>
<b>Week 4</b>	<b>Exploring Subtraction</b> <ul style="list-style-type: none"> <li>add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> <li>estimate and use inverse operations to check answers to a calculation</li> <li>solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</li> </ul>	<b>Shape Angles</b> <ul style="list-style-type: none"> <li>compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes</li> <li>identify acute and obtuse angles and compare and order angles up to two right angles by size</li> <li>identify lines of symmetry in 2-D shapes presented in different orientations</li> <li>complete a simple symmetric figure with respect to a specific line of symmetry</li> </ul>	<b>Multiplying Doubles and Digits</b> <ul style="list-style-type: none"> <li>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</li> <li>multiply two-digit and three-digit numbers by a one-digit number using formal written layout</li> <li>recognise and use factor pairs and commutativity in mental calculations</li> </ul>
<b>Week 5</b>	<b>Properties of 2D Shapes</b> <ul style="list-style-type: none"> <li>measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</li> <li>find the area of rectilinear shapes by counting squares</li> <li>compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes</li> </ul>	<b>Measuring Weight</b> <ul style="list-style-type: none"> <li>convert between different units of measure</li> <li>estimate, compare and calculate different measures, including money in pounds and pence</li> </ul>	<b>Position and Direction</b> <ul style="list-style-type: none"> <li>describe positions on a 2-D grid as coordinates in the first quadrant</li> <li>describe movements between positions as translations of a given unit to the left/right and up/down</li> <li>plot specified points and draw sides to complete a given polygon</li> <li>solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs</li> </ul>

# Year 4 : Maths Curriculum Overview

<p><b>Week 6</b></p>	<p><b>Recording Length</b></p> <ul style="list-style-type: none"> <li>convert between different units of measure [for example, kilometre to metre; hour to minute]</li> <li>estimate, compare and calculate different measures, including money in pounds and pence</li> </ul>	<p><b>Presenting Data</b></p> <ul style="list-style-type: none"> <li>interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs</li> <li>solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs</li> </ul>	<p><b>Times Table Facts</b></p> <ul style="list-style-type: none"> <li>recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math></li> </ul>
<p><b>Week 7</b></p>	<p><b>Data Handling</b></p> <ul style="list-style-type: none"> <li>interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs</li> <li>solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs</li> </ul>	<p><b>Using Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math></li> <li>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</li> </ul>	<p><b>Dividing and Multiplying</b></p> <ul style="list-style-type: none"> <li>recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math></li> <li>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</li> <li>recognise and use factor pairs and commutativity in mental calculations</li> <li>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</li> </ul>
<p><b>Week 8</b></p>	<p><b>Multiplication and Division Facts</b></p> <ul style="list-style-type: none"> <li>count in multiples of 6, 7, 9, 25 and 1000</li> <li>recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math></li> <li>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</li> <li>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</li> </ul>	<p><b>Multiplication and Division Methods</b></p> <ul style="list-style-type: none"> <li>recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math></li> <li>multiply two-digit and three-digit numbers by a one-digit number using formal written layout</li> <li>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</li> </ul>	<p><b>Measuring Capacity</b></p> <ul style="list-style-type: none"> <li>convert between different units of measure [for example, kilometre to metre; hour to minute]</li> <li>estimate, compare and calculate different measures, including money in pounds and pence</li> </ul>
<p><b>Week 9</b></p>	<p><b>Revising Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math></li> <li>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</li> <li>recognise and use factor pairs and commutativity in mental calculations</li> </ul>	<p><b>Telling the Time</b></p> <ul style="list-style-type: none"> <li>convert between different units of measure</li> <li>read, write and convert time between analogue and digital 12- and 24-hour clocks</li> <li>solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days</li> </ul>	<p><b>Handling Data</b></p> <ul style="list-style-type: none"> <li>interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs</li> <li>solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs</li> </ul>
<p><b>Week 10</b></p>	<p><b>Fractions and Time</b></p> <ul style="list-style-type: none"> <li>recognise and show, using diagrams, families of common equivalent fractions</li> <li>recognise and write decimal equivalents of any number of tenths or hundredths</li> <li>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</li> <li>read, write and convert time between analogue and digital 12- and 24-hour clocks</li> </ul>	<p><b>Fractions and Decimals</b></p> <ul style="list-style-type: none"> <li>recognise and write decimal equivalents to <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math>, <math>\frac{3}{4}</math></li> <li>add and subtract fractions with the same denominator</li> <li>count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10</li> <li>compare numbers with the same number of decimal places up to two decimal places</li> <li>recognise, find and write fractions of a discrete set of objects: unit fractions and non- unit fractions with small denominators</li> <li>compare and order unit fractions, and fractions with the same denominators</li> </ul>	<p><b>Proportion Problems</b></p> <ul style="list-style-type: none"> <li>recognise and show, using diagrams, equivalent fractions with small denominators</li> <li>solve problems that involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, include non-unit fractions where the answer is a whole number</li> <li>add and subtract fractions with the same denominator</li> <li>round decimals with one decimal place to the nearest whole number</li> <li>solve simple measure and money problems involving fractions and decimals to two decimal places</li> </ul>

# Year 5 : Maths Curriculum Overview

Please note that not all schemes of work are currently available. PlanBee is working hard to complete the remaining schemes as quickly as possible.



	Autumn Term	Spring Term	Summer Term
<b>Week 1</b>	<b>A Million Numbers</b> <ul style="list-style-type: none"> <li>read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit</li> <li>round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000</li> <li>solve number problems and practical problems that involve all of the above</li> <li>read Roman numerals to 1000 (M) and recognise years written in Roman numerals</li> </ul>	<b>Exploring Decimals</b> <ul style="list-style-type: none"> <li>read and write decimal numbers as fractions</li> <li>round decimals with two decimal places to the nearest whole number and to one decimal place</li> <li>read, write, order and compare numbers with up to three decimal places</li> <li>solve problems involving number up to three decimal places</li> </ul>	<b>Positive and Negative Numbers</b> <ul style="list-style-type: none"> <li>count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</li> <li>interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero</li> <li>solve number problems and practical problems that involve all of the above</li> <li>multiply and divide whole numbers and those involving decimals by 10, 100 and 1000</li> </ul>
<b>Week 2</b>	<b>What's the Total?</b> <ul style="list-style-type: none"> <li>count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</li> <li>add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</li> <li>add and subtract numbers mentally with increasingly large numbers</li> <li>use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</li> </ul>	<b>Calculating Decimals</b> <ul style="list-style-type: none"> <li>recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents</li> <li>read, write, order and compare numbers with up to three decimal places</li> <li>solve problems involving number up to three decimal places</li> </ul>	<b>Mental and Written Addition</b> <ul style="list-style-type: none"> <li>add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</li> <li>add and subtract numbers mentally with increasingly large numbers</li> <li>use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</li> <li>solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</li> <li>solve problems involving number up to three decimal places</li> </ul>
<b>Week 3</b>	<b>What's the Difference?</b> <ul style="list-style-type: none"> <li>count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</li> <li>add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</li> <li>add and subtract numbers mentally with increasingly large numbers</li> <li>use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</li> </ul>	<b>Investigating Shapes</b> <ul style="list-style-type: none"> <li>identify 3-D shapes, including cubes and other cuboids, from 2-D representations</li> <li>draw given angles, and measure them in degrees (o)</li> <li>use the properties of rectangles to deduce related facts and find missing lengths and angles</li> <li>distinguish between regular and irregular polygons based on reasoning about equal sides and angles</li> </ul>	<b>Mental and Written Subtraction</b> <ul style="list-style-type: none"> <li>add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</li> <li>add and subtract numbers mentally with increasingly large numbers</li> <li>use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</li> <li>solve problems involving number up to three decimal places</li> </ul>
<b>Week 4</b>	<b>Measuring Shapes</b> <ul style="list-style-type: none"> <li>measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres</li> <li>calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm<sup>2</sup>) and square metres (m<sup>2</sup>) and estimate the area of irregular shapes</li> <li>estimate volume and capacity</li> </ul>	<b>Decimals and Fractions</b> <ul style="list-style-type: none"> <li>compare and order fractions whose denominators are all multiples of the same number</li> <li>identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths</li> <li>add and subtract fractions with the same denominator and denominators that are multiples of the same number</li> <li>multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams</li> <li>read and write decimal numbers as fractions [for example, 0.71 = <math>\frac{71}{100}</math>]</li> </ul>	<b>Symmetry, Reflection and Coordinates</b> <ul style="list-style-type: none"> <li>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</li> </ul>

# Year 5 : Maths Curriculum Overview

<p><b>Week 5</b></p>	<p><b>Fractions and Proportion</b></p> <ul style="list-style-type: none"> <li>compare and order fractions whose denominators are all multiples of the same number</li> <li>identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths</li> <li>recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements <math>&gt; 1</math> as a mixed number</li> <li>add and subtract fractions with the same denominator and denominators that are multiples of the same number</li> </ul>	<p><b>Let's Calculate</b></p> <ul style="list-style-type: none"> <li>multiply and divide numbers mentally drawing upon known facts</li> <li>solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign</li> <li>solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates</li> </ul>	<p><b>Factors and Multiples</b></p> <ul style="list-style-type: none"> <li>identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers</li> <li>multiply and divide numbers mentally drawing upon known facts</li> <li>solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes</li> </ul>
<p><b>Week 6</b></p>	<p><b>Methods for Multiplying and Dividing</b></p> <ul style="list-style-type: none"> <li>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</li> <li>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</li> </ul>	<p><b>Converting Measures</b></p> <ul style="list-style-type: none"> <li>convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)</li> <li>understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints</li> <li>use all four operations to solve problems involving measure using decimal notation, including scaling</li> </ul>	<p><b>Percentage and Proportion</b></p> <ul style="list-style-type: none"> <li>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, and as a decimal</li> <li>solve problems which require knowing percentage and decimal equivalents of <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{5}</math>, <math>\frac{2}{5}</math>, <math>\frac{4}{5}</math> and those fractions with a denominator of a multiple of 10 or 25</li> </ul>
<p><b>Week 7</b></p>	<p><b>Angles and Triangles</b></p> <ul style="list-style-type: none"> <li>know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles</li> <li>draw given angles, and measure them in degrees (<math>^{\circ}</math>)</li> <li>identify angles at a point and one whole turn (total <math>360^{\circ}</math>)</li> <li>identify angles at a point on a straight line and <math>\frac{1}{2}</math> a turn (total <math>180^{\circ}</math>)</li> <li>identify other multiples of <math>90^{\circ}</math></li> </ul>	<p><b>Graphs and Diagrams</b></p> <ul style="list-style-type: none"> <li>solve comparison, sum and difference problems using information presented in a line graph</li> </ul>	<p><b>Primes, Squares and Cubes</b></p> <ul style="list-style-type: none"> <li>recognise and use square numbers and cube numbers, and the notation for squared (<math>^2</math>) and cubed (<math>^3</math>)</li> <li>solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes</li> <li>know and use the vocabulary of prime numbers, prime factors and composite (non- prime) numbers</li> <li>establish whether a number up to 100 is prime and recall prime numbers up to 19</li> </ul>
<p><b>Week 8</b></p>	<p><b>Changing Time</b></p> <ul style="list-style-type: none"> <li>solve problems involving converting between units of time</li> <li>complete, read and interpret information in tables, including timetables</li> </ul>	<p><b>Subtraction Methods</b></p> <ul style="list-style-type: none"> <li>add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</li> <li>add and subtract numbers mentally with increasingly large numbers</li> <li>solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</li> </ul>	<p><b>Formal Multiplication</b></p> <ul style="list-style-type: none"> <li>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</li> <li>multiply and divide numbers mentally drawing upon known facts</li> </ul>
<p><b>Week 9</b></p>	<p><b>Squares, Cubes and Factors</b></p> <ul style="list-style-type: none"> <li>identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers</li> <li>multiply and divide numbers mentally drawing upon known facts</li> <li>recognise and use square numbers and cube numbers, and the notation for squared (<math>^2</math>) and cubed (<math>^3</math>)</li> <li>solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes</li> </ul>	<p><b>Solving Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>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</li> <li>solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates</li> </ul>	<p><b>Short Division</b></p> <ul style="list-style-type: none"> <li>multiply and divide numbers mentally drawing upon known facts</li> <li>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</li> <li>solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates</li> </ul>
<p><b>Week 10</b></p>	<p><b>Length, Weight and Capacity</b></p> <ul style="list-style-type: none"> <li>convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)</li> <li>estimate volume and capacity</li> <li>use all four operations to solve problems involving measure using decimal notation, including scaling</li> </ul>	<p><b>Calendars, Timetables and Calculators</b></p> <ul style="list-style-type: none"> <li>solve problems involving converting between units of time</li> <li>complete, read and interpret information in tables, including timetables</li> </ul>	<p><b>Describing Data</b></p> <ul style="list-style-type: none"> <li>solve comparison, sum and difference problems using information presented in a line graph</li> <li>complete, read and interpret information in tables, including timetables</li> </ul>

# Year 6 : Maths Curriculum Overview

Please note that not all schemes of work are currently available. PlanBee is working hard to complete the remaining schemes as quickly as possible.



	Autumn Term	Spring Term	Summer Term
<b>Week 1</b>	<b>Decimal Place Value</b> <ul style="list-style-type: none"> <li>read, write, order and compare numbers up to 10 000 000 and determine the value of each digit</li> <li>identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places</li> <li>solve problems which require answers to be rounded to specified degrees of accuracy</li> <li>calculate and interpret the mean as an average</li> </ul>	<b>Working with Numbers</b> <ul style="list-style-type: none"> <li>round any whole number to a required degree of accuracy</li> <li>use negative numbers in context, and calculate intervals across zero</li> <li>solve number and practical problems that involve all of the above</li> <li>identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places</li> </ul>	<b>Comparing and Ordering Numbers</b> <ul style="list-style-type: none"> <li>read, write, order and compare numbers up to 10 000 000 and determine the value of each digit</li> <li>use negative numbers in context, and calculate intervals across zero</li> <li>solve number and practical problems that involve all of the above</li> </ul>
<b>Week 2</b>	<b>Choosing Methods</b> <ul style="list-style-type: none"> <li>perform mental calculations, including with mixed operations and large numbers</li> <li>solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</li> <li>solve problems involving addition, subtraction, multiplication and division</li> <li>use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy</li> </ul>	<b>Calculating Fractions and Decimals</b> <ul style="list-style-type: none"> <li>use common factors to simplify fractions; use common multiples to express fractions in the same denomination</li> <li>add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions</li> <li>multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, <math>\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}</math>]</li> <li>divide proper fractions by whole numbers [for example, <math>\frac{1}{3} \div 2 = \frac{1}{6}</math>]</li> </ul>	<b>Ratio and Proportion</b> <ul style="list-style-type: none"> <li>solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts</li> <li>solve problems involving similar shapes where the scale factor is known or can be found</li> <li>solve problems involving unequal sharing and grouping using knowledge of fractions and multiples</li> </ul>
<b>Week 3</b>	<b>Subtraction Strategies</b> <ul style="list-style-type: none"> <li>solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</li> <li>solve problems involving addition, subtraction, multiplication and division</li> <li>use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy</li> </ul>	<b>Grids and Coordinates</b> <ul style="list-style-type: none"> <li>describe positions on the full coordinate grid (all four quadrants)</li> <li>draw and translate simple shapes on the coordinate plane, and reflect them in the axes</li> </ul>	<b>Fractions, Decimals and Percentages</b> <ul style="list-style-type: none"> <li>associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example, <math>\frac{3}{8}</math>]</li> <li>use written division methods in cases where the answer has up to two decimal places</li> <li>recall and use equivalences between simple fractions, decimals and percentages, including in different contexts</li> <li>multiply one-digit numbers with up to two decimal places by whole numbers</li> </ul>
<b>Week 4</b>	<b>Calculating Compound Shapes</b> <ul style="list-style-type: none"> <li>recognise that shapes with the same areas can have different perimeters and vice versa</li> <li>recognise when it is possible to use formulae for area and volume of shapes</li> <li>calculate the area of parallelograms and triangles</li> </ul>	<b>Parts, Percentages and Proportion</b> <ul style="list-style-type: none"> <li>use common factors to simplify fractions; use common multiples to express fractions in the same denomination</li> <li>solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison</li> </ul>	<b>Algebra</b> <ul style="list-style-type: none"> <li>use simple formulae</li> <li>generate and describe linear number sequences</li> <li>express missing number problems algebraically</li> <li>enumerate possibilities of combinations of two variables</li> </ul>
<b>Week 5</b>	<b>Parts and Proportion</b> <ul style="list-style-type: none"> <li>compare and order fractions, including fractions <math>&gt; 1</math></li> <li>solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts</li> <li>solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison</li> </ul>	<b>Mental Multiplication and Division</b> <ul style="list-style-type: none"> <li>perform mental calculations, including with mixed operations and large numbers</li> <li>identify common factors, common multiples and prime numbers</li> </ul>	<b>Geometric Shapes</b> <ul style="list-style-type: none"> <li>draw 2-D shapes using given dimensions and angles</li> <li>recognise, describe and build simple 3-D shapes, including making nets</li> <li>illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius</li> <li>recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles</li> </ul>



# Year 6 : Maths Curriculum Overview

<p><b>Week 6</b></p>	<p><b>Practising Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication</li> <li>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</li> <li>solve problems involving addition, subtraction, multiplication and division</li> </ul>	<p><b>Measures</b></p> <ul style="list-style-type: none"> <li>solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate</li> <li>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</li> <li>convert between miles and kilometres</li> <li>calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm<sup>3</sup>) and cubic metres (m<sup>3</sup>), and extending to other units [for example, mm<sup>3</sup> and km<sup>3</sup>]</li> </ul>	<p><b>More Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication</li> <li>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</li> <li>solve problems involving addition, subtraction, multiplication and division</li> <li>use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy</li> </ul>
<p><b>Week 7</b></p>	<p><b>Using Money</b></p> <ul style="list-style-type: none"> <li>solve problems involving addition, subtraction, multiplication and division</li> <li>use negative numbers in context, and calculate intervals across zero</li> <li>multiply one-digit numbers with up to two decimal places by whole numbers</li> <li>use written division methods in cases where the answer has up to two decimal places</li> </ul>	<p><b>Mean, Mode and Median</b></p> <ul style="list-style-type: none"> <li>calculate and interpret the mean as an average</li> </ul>	<p><b>More About Algebra</b></p> <ul style="list-style-type: none"> <li>use simple formulae</li> <li>find pairs of numbers that satisfy an equation with two unknowns</li> <li>enumerate possibilities of combinations of two variables</li> </ul>
<p><b>Week 8</b></p>	<p><b>Mental Methods</b></p> <ul style="list-style-type: none"> <li>perform mental calculations, including with mixed operations and large numbers</li> <li>use their knowledge of the order of operations to carry out calculations involving the four operations</li> </ul>	<p><b>Using Subtraction and Addition</b></p> <ul style="list-style-type: none"> <li>solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</li> <li>solve problems involving addition, subtraction, multiplication and division</li> <li>use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy</li> </ul>	<p><b>Multiplying and Dividing Factors</b></p> <ul style="list-style-type: none"> <li>multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication</li> <li>identify common factors, common multiples and prime numbers</li> <li>multiply one-digit numbers with up to two decimal places by whole numbers</li> </ul>
<p><b>Week 9</b></p>	<p><b>Calculators</b></p> <ul style="list-style-type: none"> <li>use their knowledge of the order of operations to carry out calculations involving the four operations</li> <li>solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</li> </ul>	<p><b>Difficult Division</b></p> <ul style="list-style-type: none"> <li>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</li> <li>solve problems involving addition, subtraction, multiplication and division</li> <li>use written division methods in cases where the answer has up to two decimal places</li> </ul>	<p><b>Charts and Graphs</b></p> <ul style="list-style-type: none"> <li>interpret and construct pie charts and line graphs and use these to solve problems</li> </ul>
<p><b>Week 10</b></p>	<p><b>Solving Data Problems</b></p> <ul style="list-style-type: none"> <li>interpret and construct pie charts and line graphs and use these to solve problems</li> </ul>	<p><b>Time and Money</b></p> <ul style="list-style-type: none"> <li>multiply one-digit numbers with up to two decimal places by whole numbers</li> <li>solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate</li> <li>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</li> </ul>	<p><b>Puzzles and Problems</b></p> <ul style="list-style-type: none"> <li>solve problems involving addition, subtraction, multiplication and division</li> </ul>