

# Year 4 Moving into Year 5

Long Term and Medium Term Planning

# Year 5: Overview of the year

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Y4 Geometry 2D shape and position 3  Y4 Multiplication and division – including exploring decimal numbers 6	1 Addition and Subtraction, including problems	3 Multiplication & Division	2 Geometry Reflection and Translation	2 Statistics and measures	6 Multiplication and division
Y4 Fractions and Decimals (using measures) 3  Y4 Statistics 2	1 Geometry Angles	1 Statistics and measures, including time	3 Geometry	4 Place value	5 Place value
Y4 Measures Volume, capacity and mass 4  Y4 Geometry Position and Area 1	1 Measures Perimeter and Area	3 Place value. Roman numerals, and negative numbers	5 Multiplication & Division	3 Fractions	5 Addition & Subtraction
Y4 Fractions  Y4 Geometry and Shape	1 Multiplication and division, Factors & multiples	3 Addition and subtraction, including problems	4 Geometry 2D and 3D shape	4 Measures Time	5 Fractions
1 Place value	2 Multiplication & Division, including problems	4 Multiplication and Division	2 Fractions	4 Fractions	5 Measures Mass, volume & capacity
2 Place value Decimals	1 Fractions compare, order, equivalence	2 Measures Area	3 Measures, including area and volume	4 Addition & Subtraction	5 Geometry Area and volume of shapes <sub>2</sub>

# YEAR 5 : AUTUMN 1: Overview and Teaching Steps

WEEK 1 – Year 4		WEEK 2 – Year 4		WEEK 3 – Year 4		WEEK 4 – Year 4		WEEK 5	WEEK 6
<b>3 Geometry 2D Shape</b>	<b>6 Multiplication &amp; Division - Decimals</b>	<b>3 Fractions</b>	<b>2 Statistics</b>	<b>4 Measures Length/ Mass/ Capacity/Time</b>	<b>4 Geometry Position &amp; Direction</b>	<b>5 Fractions</b>	<b>5 Geometry</b>	<b>1 Place Value</b>	<b>2 Place Value Decimals</b>
-Identify lines of symmetry in 2D shapes presented in different orientations. - Complete a simple symmetric figure with respect to a specific line of symmetry	Find the effect of multiplying a number with up to 2 decimal places by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.	Find the effect of dividing a 1-digit or 2-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.	Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs	Convert between different units of measure (e.g. km to m; hr to min)	-Describe positions on a 2D grid as coordinates in the first quadrant - Describe movements between positions as translations of a given unit to the left/right and up/down - Plot specified points and draw sides to complete given polygon	-Recognise and write decimals equivalents of any number of tenths or hundredths - Recognise and write decimal equivalents to $\frac{1}{4}$ , $\frac{1}{2}$ and $\frac{3}{4}$ .	Identify acute and obtuse angles and compare and order angles up to two right angles by size.	Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000.	Count up and down in thousandths; recognise that thousandths arise from dividing an object into 1000 equal parts and in dividing numbers or quantities by 1000.
Define and show understanding of symmetry  Show lines of symmetry in an equilateral or isosceles triangle (in different orientations)  Show lines of symmetry in a quadrilateral (in different orientations)  Show lines of symmetry in circle  Create simple symmetrical figures and show lines of symmetry  Recognise lines of symmetry in given shapes	Multiply any number with up to 2 decimal places by 10 and express the answer using tenths.  Multiply any number with up to 2 decimal places by 100 and express the answer using tenths and hundredths	Divide any 2 digit number by 10 and express the answer using tenths.  Divide any 2 digit number by 100 and express the answer using tenths and hundredths.	Compare information in bar charts to answer questions  Solve addition problems using information in bar charts to answer questions  Solve difference problems using information in bar charts to answer questions  Compare information in pictograms to answer questions  Solve addition problems using information in pictograms to answer questions  Solve difference problems using information in pictograms to answer questions  Compare information in tables to answer questions  Solve addition problems using information in tables to answer questions  Solve difference problems using information in tables to answer questions	Revise relationships between measures: 1000m = 1km; 100cm = 1m; 10mm = 1cm  Revise relationships between measures: 1000g = 1kg  Revise relationships between measures: 60 min = 1 hour; 60 secs = 1 min; 12 months = 1 year  Solve problems involving conversion between units of measure  Express a distance of more than 1km in m  Express a distance of more than 1cm in mm  Express a mass of more than 1kg in g  Express a volume of more than 1l in ml  Express the passing of time of more than 1 hour in minutes  Express the passing of time of more than 1 minute in seconds.	Read coordinates using both axes  Plot points using both axes  Answer questions involving coordinates  Create shapes by plotting points in first quadrant  Explain a change in a given position by the movement made along the axes of the quadrant  Use numbered axes to plot points to form a polygon  Describe the properties of the polygon	Know that $\frac{1}{10} = 0.1$ [for each tenth value]  Know that $\frac{1}{100} = 0.01$ [for each hundredth value]  Know that $0.25 = \frac{1}{4}$  Know that $0.5 = \frac{1}{2}$  Know that $0.75 = \frac{3}{4}$	Know that an angle smaller than a right angle is known as an acute angle  Know that an angle larger than a right angle is known as an obtuse angle  Identify and describe an acute angle  Identify and describe an obtuse angle  Compare and order angles by size	➤ Count forwards and backwards from any given number in steps of 100 ➤ Count forwards and backwards from a given number in steps of 1,000 ➤ Count forwards and backwards from a given number in steps of 10,000 ➤ Count forwards or backwards from a given number in steps of 100,000 ➤ Count forwards and backwards from a given number in steps of 1,000,000	➤ Count up in thousandths starting at zero ➤ Count back in thousandths to zero ➤ Count up in thousandths starting at any 'thousandths number' ➤ Count back in thousandths starting at any 'thousandths number' ➤ Know that thousandths arise from dividing an object, quantity or number into 1000 equal parts ➤ Place fractions (thousandths) in order – ascending and descending.

# YEAR 5 : AUTUMN 1: Maths Meetings and Mental Maths

WEEK 1 – Year 4	WEEK 2 – Year 4	WEEK 3 – Year 4	WEEK 4 – Year 4	WEEK 5 – Year 4	WEEK 6 – Year 5
<b>5 Place Value</b>	<b>4 Fractions</b>	<b>6 Place Value</b>	<b>4 Addition &amp; Subtraction</b>	Round decimals with one decimal place to the nearest whole number. Compare numbers with the same number of decimal places up to two decimal places.	<b>Y5 Addition &amp; Subtraction 2</b>
Compare and order numbers beyond 1000	Count up and down in hundredths; recognise that hundredths arise from dividing an object into 100 equal parts and in dividing numbers or quantities by 100.	Round any number to the nearest 10, 100 or 1000	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.	Round decimals with one decimal place to the nearest whole number. Compare numbers with the same number of decimal places up to two decimal places.	Add and subtract whole numbers with more than 4 digits including using formal written methods (columnar addition and subtraction).
<ul style="list-style-type: none"> <li>➤ Know which number in a set of 4 digit numbers is the greatest</li> <li>➤ Know which number in a set of 4 digit numbers is the smallest</li> <li>➤ Order a set of 4 digit numbers from smallest to largest</li> <li>➤ Order a set of 4 digit numbers from largest to smallest</li> </ul>	<ul style="list-style-type: none"> <li>➤ Count up in hundredths starting at zero</li> <li>➤ Count back in hundredths to zero</li> <li>➤ Count up in hundredths starting at any 'hundredth number'</li> <li>➤ Count back in hundredths starting at any 'hundredth number'</li> <li>➤ Know that hundredths arise from dividing an object, quantity or number into 100 equal parts</li> <li>➤ Place fractions (hundredths) in order – ascending and descending.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Round any number up to 100 to the nearest 10</li> <li>➤ Round any number up to 1000 to the nearest 10</li> <li>➤ Round any number up to 1000 to the nearest 100</li> <li>➤ Round any number up to 10,000 to the nearest 1000</li> </ul>	<ul style="list-style-type: none"> <li>➤ Solve two-step problems using addition to 1000.</li> <li>➤ Solve two-step problems with subtraction to 1000.</li> <li>➤ Solve two-step problems using addition and subtraction to 1000.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Round a number with one decimal place to nearest whole number.</li> <li>➤ Given 3 numbers with one decimal place, place in order (smallest to largest and vice versa).</li> <li>➤ Given 5 numbers with one decimal place, place in order (smallest to largest and vice versa).</li> <li>➤ Given 3 numbers with two decimal places, place in order (smallest to largest and vice versa).</li> <li>➤ Given 5 numbers with two decimal places, place in order (smallest to largest and vice versa).</li> </ul>	<ul style="list-style-type: none"> <li>➤ Add numbers with up to 5-digits with no exchanging</li> <li>➤ Add numbers with up to 5-digits with exchanging</li> <li>➤ Subtract numbers with up to 5-digits with no exchanging</li> <li>➤ Subtract numbers with up to 5-digits with exchanging</li> </ul>

# YEAR 5 : AUTUMN 2: Overview and Teaching Steps

WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
<b>1 Addition &amp; Subtraction</b>	<b>1 Geometry Angles</b>	<b>1 Measures Perimeter and Area</b>	<b>1 Multiplication &amp; Division - Factors</b>	<b>2 Multiplication &amp; Division</b>	<b>1 Fractions</b>
Add and subtract numbers mentally with increasingly large numbers.	Know angles are measured in degrees; estimate & compare acute, obtuse & reflex angles. Identify: <ul style="list-style-type: none"> <li>- Angles at a point on a straight line &amp; <math>\frac{1}{2}</math> a turn (total <math>180^\circ</math>)</li> <li>- Angles at a point &amp; one whole turn (total <math>360^\circ</math>)</li> <li>- Other multiples of <math>90^\circ</math></li> </ul> Draw given angles & measure them in degrees	-Measure and calculate the perimeter of composite rectilinear shapes in cm and m. - Calculate & compare the area of rectangles (including squares, & including using standard units, square centimetres ( $\text{cm}^2$ ) and square metres ( $\text{m}^2$ ) & estimate the area of irregular shapes.	Identify multiples and factors including finding all factor pairs of a number and common factors of two numbers.	-Multiply and divide numbers mentally drawing upon known facts. -Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers -Establish whether a number up to 100 is prime and recall prime numbers up to 19.	Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.  Read and write decimal numbers as fractions, e.g. $0.71 = 71/100$ .
Mentally: <ul style="list-style-type: none"> <li>➤ Add any two 2-digit numbers</li> <li>➤ Subtract any 2-digit number from any other greater 2-digit number</li> <li>➤ Subtract any 2-digit number from any 3-digit number</li> <li>➤ Add any 2-digit and any 3-digit number</li> <li>➤ Subtract any 2-digit number from any 4-digit number</li> <li>➤ Add together two 3-digit numbers</li> <li>➤ Subtract a 3-digit number from a greater 3-digit number</li> <li>➤ Add any 1000s number to any 4 or 5-digit number</li> <li>➤ Subtract any 1000s number from a greater 5-digit number</li> </ul>	<ul style="list-style-type: none"> <li>➤ Know that <math>90^\circ</math> is equivalent to a quarter turn</li> <li>➤ Know that <math>180^\circ</math> is equivalent to a half turn</li> <li>➤ Know that <math>270^\circ</math> is equivalent to a three-quarter turn</li> <li>➤ Know that <math>360^\circ</math> is equivalent to a full turn</li> <li>➤ Estimate, compare and measure angles in drawings identifying acute, obtuse and reflex angles</li> <li>➤ Able to use a protractor to measure angles</li> <li>➤ Able to use a protractor to draw angles</li> </ul>	<ul style="list-style-type: none"> <li>➤ Calculate perimeter of range of shapes, including composite shapes by dividing into smaller shapes</li> <li>➤ Know the units of measure for calculating area and how to represent (<math>\text{cm}^2/\text{m}^2</math>)</li> <li>➤ Explain how to calculate the area of a shape using a formula</li> <li>➤ Calculate area using formula</li> <li>➤ Calculate the area of composite shapes by dividing into smaller shapes</li> <li>➤ Calculate the area of larger spaces using <math>\text{m}^2</math></li> </ul>	<ul style="list-style-type: none"> <li>➤ Identify multiples of all numbers up to 100.</li> <li>➤ Know all factors that make up all numbers to 100.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Use mental applications to multiply numbers making use of multiplication tables up to <math>12 \times 12</math>.</li> <li>➤ Use mental applications to divide numbers making use of multiplication tables up to <math>12 \times 12</math>.</li> <li>➤ Describe what a prime number is</li> <li>➤ Describe what a prime factor is</li> <li>➤ Describe what a composite number is</li> <li>➤ Explain how to work out whether a number is a prime number.</li> <li>➤ Recall all prime numbers to 19.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Identify equivalent fractions for <math>\frac{?}{3}</math></li> <li>➤ Identify equivalent fractions for <math>\frac{?}{4}</math></li> <li>➤ Identify equivalent fractions for <math>\frac{?}{10}</math></li> <li>➤ Identify equivalent fractions for <math>\frac{?}{100}</math></li> <li>➤ Write 0.5; 0.25; 0.1 as fractions</li> <li>➤ Write any decimal with 1 decimal place as a fraction</li> <li>➤ Write any decimal with 2 decimal places as a fraction</li> </ul>

# YEAR 5 : SPRING 1: Overview and Teaching Steps

WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
<b>3 Multiplication &amp; Division</b>	<b>1 Statistics</b>	<b>3 Place Value Roman Numerals</b>	<b>3 Addition &amp; Subtraction</b>	<b>4 Multiplication &amp; Division</b>	<b>2 Measures Area</b>
Multiply numbers up to 4-digits by a 1-digit or 2-digit number using a formal written method, including long multiplication for 2-digit numbers.	Complete, read and interpret information in: - tables, including timetables	- Interpret negative numbers in context, count forwards and backwards with positive and negative numbers including through zero. - Read Roman numerals to 1000 and recognise years written in Roman numerals	Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.	Divide numbers up to 4-digits by a 1-digit number using the formal written method of short division and interpret remainders appropriately for the context.	Calculate & compare the area of rectangles (including squares) including using standard units, square centimetres (cm <sup>2</sup> ) and square metres (m <sup>2</sup> ) & estimate the area of irregular shapes.
<ul style="list-style-type: none"> <li>➤ Multiply any number with up to 3-digits by a single digit number.</li> <li>➤ Multiply any number with up to 4-digits by any single number.</li> <li>➤ Multiply any number with up to 3-digits by a 2-digit number.</li> <li>➤ Multiply any number with up to 4-digits by a 2-digit number.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Know how to construct a table from a set of given information</li> <li>➤ Know how to construct a table using only the relevant information</li> <li>➤ Read a table to answer questions</li> <li>➤ Read a timetable to answer questions</li> <li>➤ Construct own table and timetable making decision about labelling</li> </ul>	<ul style="list-style-type: none"> <li>➤ Interpret temperature s at °C on a thermometer .</li> <li>➤ Count forward from -20 to 20</li> <li>➤ Count backwards from 20 to -20</li> <li>➤ Revisit Roman numerals to 100</li> <li>➤ Read Roman numerals to 1000</li> <li>➤ Write Roman numerals to 1000</li> <li>➤ Read dates in context represented in Roman numerals</li> </ul>	<ul style="list-style-type: none"> <li>➤ Use rounding to add and subtract any 2-digit numbers to check reasonableness of answer.</li> <li>➤ Use rounding to add and subtract any 3-digit numbers to check reasonableness of answer.</li> <li>➤ Use rounding to add and subtract any 4-digit numbers to check reasonableness of answer.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Divide any number with 3-digits by a single digit number with no remainder.</li> <li>➤ Divide any number with 4-digits by a single digit number with no remainder.</li> <li>➤ Divide any number with 3-digits by a single digit number with a remainder.</li> <li>➤ Divide any number with 4-digits by a single digit number with a remainder.</li> <li>➤ Divide any number with 3-digits by 10, showing remainder where appropriate.</li> <li>➤ Divide any number with 4-digits by 10, showing remainder where appropriate.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Know the units of measure for calculating area and how to represent (cm<sup>2</sup>/m<sup>2</sup>)</li> <li>➤ Explain how to calculate the area of a shape using a formula</li> <li>➤ Calculate area using formula</li> <li>➤ Calculate the area of composite shapes by dividing into smaller shapes</li> <li>➤ Calculate the area of larger spaces using m<sup>2</sup></li> </ul>

# YEAR 5 : SPRING 2: Overview and Teaching Steps

WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
<b>2 Geometry Reflection/ Translations</b>	<b>3 Geometry</b>	<b>5 Multiplication &amp; Division</b>	<b>4 Geometry</b>	<b>2 Fractions</b>	<b>3 Measures</b>
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	Distinguish between regular and irregular polygons based on reasoning about equal sides and angles	Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.	-Identify 3D shapes, including cubes and other cuboids, from 2D representations - Use the properties of rectangles to deduce related facts & find missing lengths & angles.	Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements.	- Estimate volume (e.g. using 1 cm <sup>3</sup> blocks to build cubes, including cuboids) & capacity (e.g. using water). - Convert between different units of metric measure (e.g. km/m; cm/m; cm/mm; g/kg; l/ml).
<ul style="list-style-type: none"> <li>➤ Reflect a shape and re-plot</li> <li>➤ Translate a shape and re-plot</li> <li>➤ Describe the properties of the reflected and/or translated shape – evidencing that the shape and size has not changed</li> </ul>	<ul style="list-style-type: none"> <li>➤ Use known facts to explain differences between shapes</li> </ul>	<ul style="list-style-type: none"> <li>➤ Multiply any number by 10.</li> <li>➤ Multiply any number by 100.</li> <li>➤ Multiply any number by 1000.</li> <li>➤ Divide any number by 10.</li> <li>➤ Divide any number by 100.</li> <li>➤ Divide any number by 1000.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Identify 3D shapes from 2D images</li> <li>➤ Calculate missing lengths and angles using known facts</li> </ul>	<ul style="list-style-type: none"> <li>➤ Know that a whole number can be written as a fraction, e.g. 2/2 etc.</li> <li>➤ Know that 1½ can be written as 3/2 etc.</li> <li>➤ Convert any improper fraction to a mixed fraction and vice versa</li> </ul>	<ul style="list-style-type: none"> <li>➤ Know that volume is measured in cm<sup>3</sup> and m<sup>3</sup></li> <li>➤ Use cubes to calculate the volume of a given shape</li> <li>➤ Use water and measuring equipment to calculate the capacity of a range of containers</li> <li>➤ Express a distance of more than 1km in m</li> <li>➤ Express a distance of more than 1cm in mm</li> <li>➤ Express a mass of more than 1kg in g</li> <li>➤ Express an amount of more than 1l in ml</li> </ul>

# YEAR 5 : SUMMER 1: Overview and Teaching Steps

WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
<b>2 Statistics</b>	<b>4 Place Value</b>	<b>3 Fractions</b>	<b>4 Measures Time</b>	<b>4 Fractions Decimals</b>	<b>4 Addition &amp; Subtraction</b>
Solve comparison, addition and difference problems using information presented in a line graph	Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit	Compare and order fractions whose denominators are all multiples of the same number.	Solve problems involving converting between units of time.	-Round decimals with two decimal places to the nearest whole number and to one decimal place. - Read, write, order and compare numbers with up to three decimal places.	Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.
<ul style="list-style-type: none"> <li>➤ Compare information in line graphs to answer questions</li> <li>➤ Solve addition problems using information in line graphs to answer questions</li> <li>➤ Solve difference problems using information in line graphs to answer questions</li> </ul>	<ul style="list-style-type: none"> <li>➤ Revise reading and writing numbers to 1000</li> <li>➤ Read all numbers from 1000 to 50,000 in numerals</li> <li>➤ Read all numbers from 1000 to 1,000,000 in numerals</li> <li>➤ Recognise the value of each digit up to 1,000,000</li> <li>➤ Know and use the terms: ones, tens, hundreds, ten thousands, hundred thousand and million correctly</li> <li>➤ Partition any number up to 1,000,000 showing the value of each digit</li> </ul>	<ul style="list-style-type: none"> <li>➤ Compare and order fractions with the same denominator.</li> <li>➤ Compare and order fractions with denominators of 2, 4, 8.</li> <li>➤ Compare and order fractions with denominators of 5, 10.</li> <li>➤ Convert fractions with different denominators to have a common denominator.</li> <li>➤ Order two different fractions with different denominators that are multiples of the same number.</li> <li>➤ Order more than two different fractions with different denominators that are multiples of the same number.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Solve a range of problems involving all units of time</li> </ul>	<ul style="list-style-type: none"> <li>➤ Round a number with two decimal places to the nearest whole number.</li> <li>➤ Round a number with two decimal places to the nearest number with one decimal place.</li> <li>➤ Given 3 numbers with three decimal places, place in order (smallest to largest and vice versa).</li> <li>➤ Given 5 numbers with three decimal places, place in order (smallest to largest and vice versa).</li> </ul>	<ul style="list-style-type: none"> <li>➤ Identify the number of steps in a problem</li> <li>➤ Identify the operations to be used</li> <li>➤ Solve problems and check accuracy using estimation and rounding to check reasonableness of answer</li> </ul>

# YEAR 5 : SUMMER 2: Overview and Teaching Steps

WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
<b>6 Multiplication &amp; Division</b>	<b>5 Place Value</b>	<b>5 Addition &amp; Subtraction</b>	<b>5 Fractions Decimals</b>	<b>5 Measures</b>	<b>5 Geometry</b>
Recognise and use square numbers and cube numbers, and the notation for square <sup>2</sup> and cubed <sup>3</sup> .	Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10000 or 100000	Consolidate Addition and Subtraction using columnar addition and subtraction	Recognise the percent 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.	Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.	Consolidate and revise all Year 5 learning associated with geometry to include work on angles, translations and shape
<ul style="list-style-type: none"> <li>➤ Know, by heart, the square of all numbers between 2 and 12.</li> <li>➤ Know why a square number is called a square number by drawing squares</li> <li>➤ Use the symbol <sup>2</sup> accurately.</li> <li>➤ Explain the relationship between the square of a number and the square root of a number.</li> <li>➤ Knowing the square of a number, use the inverse to calculate the square root.</li> <li>➤ Use the symbol <sup>3</sup> accurately.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Round any number up to 10,000 to the nearest 10</li> <li>➤ Round any number up to 10,000 to the nearest 100</li> <li>➤ Round any number up to 10,000 to the nearest 1,000</li> <li>➤ Round any number up to 100,000 to the nearest 10</li> <li>➤ Round any number up to 100,000 to the nearest 100</li> <li>➤ Round any number up to 100,000 to the nearest 1,000</li> <li>➤ Round any number up to 100,000 to the nearest 10,000</li> <li>➤ Round any number up to 1,000,000 to the nearest 10</li> <li>➤ Round any number up to 1,000,000 to the nearest 100</li> <li>➤ Round any number up to 1,000,000 to the nearest 1,000</li> <li>➤ Round any number up to 1,000,000 to the nearest 10,000</li> <li>➤ Round any number up to 1,000,000 to the nearest 100,000</li> </ul>	<p>Revise:</p> <ul style="list-style-type: none"> <li>➤ Adding numbers with up to 5-digits with no exchanging</li> <li>➤ Adding numbers with up to 5-digits with exchanging</li> <li>➤ Subtracting numbers with up to 5-digits with no exchanging</li> <li>➤ Subtracting numbers with up to 5-digits with exchanging</li> </ul>	<ul style="list-style-type: none"> <li>➤ Know what the % symbol stands for.</li> <li>➤ Know that percent deals with a number or amount out of 100.</li> <li>➤ Write % of amounts.</li> <li>➤ Know that 50% is 50/100 = one half = ½.</li> <li>➤ Know that 0.5 = 50%</li> <li>➤ Know that 25% is 25/100 = one quarter = 1/4.</li> <li>➤ Know that 0.25 = 25%</li> <li>➤ Know the percent values of all tenths.</li> <li>➤ Know the percent values of all fifths.</li> <li>➤ Know the percent values of all quarters.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Know the approximate number of metres in 1 mile</li> <li>➤ Know the approximate relationship between inches and cm</li> <li>➤ Know the approximate relationship between a pound and a gram</li> <li>➤ Know the approximate relationship between a pint and a litre</li> <li>➤ Carry out a range of approximate conversion calculations using above</li> </ul>	<p>Revise:</p> <ul style="list-style-type: none"> <li>➤ Reflecting a shape and re-plot</li> <li>➤ Translating a shape and re-plot</li> <li>➤ Describing the properties of the reflected and/or translated shape – evidencing that the shape and size has not changed</li> <li>➤ Estimating, comparing and measuring angles in drawings identifying acute, obtuse and reflex angles</li> <li>➤ Using a protractor to measure angles</li> <li>➤ Using a protractor to draw angles</li> </ul>