## WRMH - Year 4 - Scheme of Learning 2.0

## Year 4 - Autumn Term

Week 1 Week 2 Week 3 Week 4	Week 5 Week 6 Week 7	Week 8 Week 9 Week 10 Week 11	Week 12
Count in multiples of 6, 7, 9. 25 and 1000.  Find 1000 more or less than a given number.  Recognise the place value of each digit in a four digit number (thousands, hundreds, tens and ones)  Order and compare numbers beyond 1000  Identify, represent and estimate numbers using different representations.  Round any number to the nearest 10, 100 or 1000  Solve number and practical problems that involve all of the above and with increasingly large positive numbers.  Count backwards through zero to include negative numbers.  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.	Number- Addition and Subtraction Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.  Estimate and use inverse operations to check answers to a calculation.  Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why.	Number - Multiplication and Division	Consolidation



## Year 4 - Spring Term

Week 1 Week 2 Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Number – multiplication and division Recall and use multiplication and division facts for multiplication tables up to 12 × 12.  Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.  Recognise and use factor pairs and commutativity in mental calculations.  Multiply two digit and three digit numbers by a one digit number using formal written layout.  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.	Measurement- Area Find the area of rectilinear shapes by counting squares.	equivalent fr Count up and hundredths and dividing Solve proble calculate qua including not number.	d down in hundre drise when dividi tenths by ten. ms involving incr antities, and fract n-unit fractions v	edths; recognise ing an object by o reasingly harder f tions to divide qu where the answe	that one hundred fractions to uantities, r is a whole	any number of Find the effect number by 10 the digits in the hundredths  Solve simple reinvolving fract decimal place.  Convert between	d write decimal er f tenths or hundr t of dividing a on- or 100, identifying e answer as one: measure and mon- tions and decimals. een different unit kilometre to met	e or two digit ng the value of s, tenths and ney problems als to two	Consolidation

## Year 4 - Summer Term

Week 1 Week 2	Week 3 Week 4		/eek 6 Week 7	Week 8 Week 9	Week 10	Week 11	Week 12
Decimals Compare numbers with the same number of decimal places up to two decimal places.  Round decimals with one decimal place to the nearest whole number.  Recognise and write decimal equivalents to $\frac{1}{4}$ , $\frac{1}{2}$ and $\frac{3}{4}$ Find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths	Estimate, compare and calculate different measures, including money in pounds and pence.  Solve simple measure and money problems involving fractions and decimals to two decimal places.	Convert Inter between discr different units of measure [for example, kilometre to metre; hour to minute] Solve diffe Read, write and convert time	tistics erpret and present crete and continuous ta using appropriate sphical methods, luding bar charts and se graphs.  ve comparison, sum and ference problems using formation presented in to charts, pictograms, siles and other graphs.	Geometry: Properties of shape Identify acute and obtuse angle compare and order angles up to angles by size.  Compare and classify geometri including quadrilaterals and tria on their properties and sizes.  Identify lines of symmetry in 2- presented in different orientati  Complete a simple symmetric frespect to a specific line of sym	es and o two right c shapes, angles, based D shapes ions.	Geometry- Position and Direction Describe positions on a 2-D grid as coordinates in the first quadrant.  Plot specified points and draw sides to complete a given polygon.  Describe movements between positions as translations of a given unit to the left/ right and up/ down.	Consolidation