Year 4 Spring 2						
Week 1-6						
	Fractions				Decimals	
	Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Times tables (Fast facts)	7x11 7x12	7x11 7x12	7x9 7x8	7x9 7x8	7x7 7x6	7x5 7x4
Steps coverage	**M-** Step 1 Understand the whole **T** Step 2 Count beyond 1 **W** Step 3 Partition a mixed number **T** Step 4 Number lines with mixed numbers **F** Arithmetic	**M** Step 5 Compare and order mixed numbers **T** Step 6 Understand improper fractions **W** Step 7 Convert mixed numbers to improper fractions **T** Step 8 Convert improper fractions to mixed numbers **F** Arithmetic	**M-** Step 9 Equivalent fractions on a number line **T** Step 10 Equivalent fraction families **W** Step 11 Add 2 or more fraction **T** Step 12 Add fractions and mixed numbers **F** Step 13 Subtract two fractions	**M** NFER Arithmetic paper **T** NFER Reasoning paper 1 **W** NFER Reasoning paper 2 **T** Step 14 subtract from whole amounts **F** Step 15 Subtract from mixed numbers	**M** Step 1 Tenths as fractions **T** Step 2 Tenths as decimals **W** Step 3 Tenths on a place value chart **T** Step 4 Tenths on a number line **F** Step 5 Divide a 1d number by 10	**M** Step 6 Divide a 2d number by 10 **T** Step 7 Hundredths as fractions **W** Step 8 Hundredths as decimals **T** Step 9 Hundredths on a place value chart **F** Divide a 1 or 2d number by 100.
SEN objectives (different year group) **Year 3**	**M** Step 1 Understand denominators of unit fractions **T** Step 2 Compare and order unit fractions **W** Step 3 Understand the numerators on non-unit fractions **T** Step 4 Understand the whole **F** Arithmetic	**M** Step 5 Compare and order non unit fractions **T** Step 6 Fractions and scales **W** Step 7 Fractions on a number line Count in fractions on a number line **T** Step 8 Count in fractions on a number line **F** Arithmetic	**M** Step 9 Equivalent fractions on a number line **T** Step 10 Equivalent fractions on a bar model **W** Arithmetic **T** Arithmetic **F** Arithmetic	**Mass and capacity** **M** WR arithmetic paper **T** WR Reasoning paper **W** Step 1 Use scales **T** Step 2 Measure mass in grams **F** Step 3 Measure in kg and g	**M** Step 4 Equivalent masses (kg and g) **T** Step 5 Compare mass **W** Step 6 Add and subtract mass **T** Step 7 Measure capacity and volume in ml **F** Arithmetic	**M** Step 8 Measure capacity and volume in l and ml **T** Step 9 Equivalent capacities and volumes **W** Step 10 Compare capacity and volume **T** Step 11 Add and subtract capacity and volume **F** Arithmetic

SEN Personalised learning Objectives (different year group) **Year 1**	**Place value within 50** **M** step 1 Count from 20-50 **T** Step 2 **– 20,30,40,50** **W** Step 3 Count by making groups of 10 **T**. Step 4 Groups of 10's and 1's **F** Arithmetic - addition	**M** Step 5 Partition into tens and ones **T** Step 6 Number line to 50 **W** . Step 7 Estimate on a number line to 50 **T** Step 8 – 1more and 1 less **F** Arithmetic subtraction	**Length and height** **M** Step 1 Compare lengths and heights **T** Step 1 Compare lengths and heights **W** Step 2 Measure length using objects **T** Step 2 Measure length using objects **F** Arithmetic addition problems	**M** WR arithmetic paper **T** WR Reasoning paper **W** Step 3 Measure length in cm **T** Step 3 Measure length in cm **F** Arithmetic addition problems	**Mass and volume** **M** Step 1 Heavier and lighter **T** Step 2 Measure mass **W** Step 3 Compare mass **T** Step 4 Full and empty **F** Arithmetic subtraciton	**M** Step 5 Compare volume **T** Step 6 Measure capacity **W** Step 7 Compare capacity **T** Arithmetic **F** Arithmetic
EHCP objectives	**Year 1 Place value** Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens Given a number, identify one more and one less 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 Read and write numbers from 1 to 20 in numerals and words		**Year 1 Length and height** Compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] Measure and begin to record the following: lengths and heights		**Year 1 Mass and capacity** Compare, describe and solve practical problems for: mass/weight [for example, heavy/light, heavier than, lighter than] capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] Measure and begin to record the following: mass/weight capacity and volume	
National curriculum coverage	**Fractions** **Year 4** recognise and show, using diagrams, families of common equivalent fractions count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10 solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number add and subtract fractions with the same denominator				**Decimals** **Year 4** recognise and write decimal equivalents of any number of tenths or hundreds recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ 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 round decimals with 1 decimal place to the nearest whole number	

	Year 3 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 recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators recognise and show, using diagrams, equivalent fractions with small denominators add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$] compare and order unit fractions, and fractions with the same denominators solve problems that involve all of the above	compare numbers with the same number of decimal places up to 2 decimal places solve simple measure and money problems involving fractions and decimals to 2 decimal places **Mass and capacity** **Year 3** Measure, compare, add and subtract: Lengths (m/cm/mm), mass (kg/g) and capacity and volume (l/ml)