Year 6 Maths MTP- Autumn					
Week 1-2	Week 3-7	Week 8-9	Week 10-11	Week 12	Week 13-14
Place value	Addition and subtraction Multiplication and division	Fractions A	Fractions B	Measurement	Consolidation
National curriculum links					
Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit Round any whole number to a required degree of accuracy Use negative numbers in context, and calculate intervals across zero Solve number and practical problems that involve the above	Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why Solve problems involving addition, subtraction, multiplication and division Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy Identify common factors, common multiples and prime numbers Multiply multi-digit numbers up to four digits by a 2-digit whole number using the formal written method of long multiplication Perform mental calculations, including with mixed operations and large numbers Divide numbers up to four digits by a 2-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 Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why Use their knowledge of the order of operations to carry out calculations involving the four operations Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy Perform mental calculations, including with mixed operations and large numbers	Use common factors to simplify fractions; use common multiples to express fractions in the same denomination Compare and order fractions, including fractions > 1 Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions Identify common factors, common multiples and prime numbers Use common factors to simplify fractions; use common multiples to express fractions in the same denomination Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why Solve problems involving addition, subtraction, multiplication and division	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams (Y5) Multiply simple pairs of proper fractions, writing the answer in its simplest form Divide proper fractions by whole numbers Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions Solve problems involving addition, subtraction, multiplication and division Associate a fraction with division and calculate decimal fraction equivalents	Solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate 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 3 decimal places	
Arithmetic coverage					

Power 10 (x10,100,1000) Step 4 Q 5 Q 6	Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 1	Wk 2	Wk 1	Wk 2	Long Multiplication Block 2 Step 7 Q11	Long division Block 2 Step 12
	Addition Step 1 Q2,4	Subtraction Step 1 Q10,15	Squares and cubes Step 6 Q3	Short division Step 9 Q,8	Order of Operations Step 15 Q9	Add and subtract simple fractions Step 5 & 6 Q7	Add and subtract mixed numbers Step 7 & 8 Q17	Multiply Fractions Step 1 Q12, 18	Divide Fractions Step 4 Q14		