Year 5 Autumn Term Curriculum Coverage and Sequence of Lessons

(Reasoning and Problem Solving is linked to all objectives and will be incorporated within daily lessons)

Year 5	Term 1					
Week 1: Place Value	Week 2: Place Value	Week 3: Place Value	Week 4: Place Value	Week 5: Addition and Subtraction	Week 6: Addition and Subtraction	Week 7: Multiplication and Division
-Read Roman numerals to 1,000 (M) and recognise years written in Roman numerals -Read and write numbers to at least 1 000 000 and determine the value of each digit	-Read and write numbers to at least 1 000 000 and determine the value of each digit -Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000	-Order and compare numbers to at least 1,000,000 and determine the value of each digit	-Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000	-Add and subtract numbers mentally with increasingly large numbers -Add and subtract whole numbers with more than four digits, including using formal written methods (columnar addition and subtraction)	-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	-Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers -Solve problems involving multiplication and division, including using knowledge of factors and multiples

Year 5	Term 2					
Week 1: Multiplication and Division	Week 2: Multiplication and Division	Week 3: Fractions	Week 4: Fractions	Week 5: Assessments	Week 6: Fractions	Week 7: Fractions
-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 -Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3)	-Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000 -Multiply and divide numbers mentally, drawing upon known facts	-Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths -Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number	-Compare and order fractions whose denominators are all multiples of the same number -Add fractions with the same denominator, and denominators that are multiples of the same number	Autumn Term Assessment Papers Assess against Teacher Assessment Statements	-Add and subtract fractions with the same denominator, and denominators that are multiples of the same number -Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number	-Add and subtract fractions with the same denominator, and denominators that are multiples of the same number -Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number