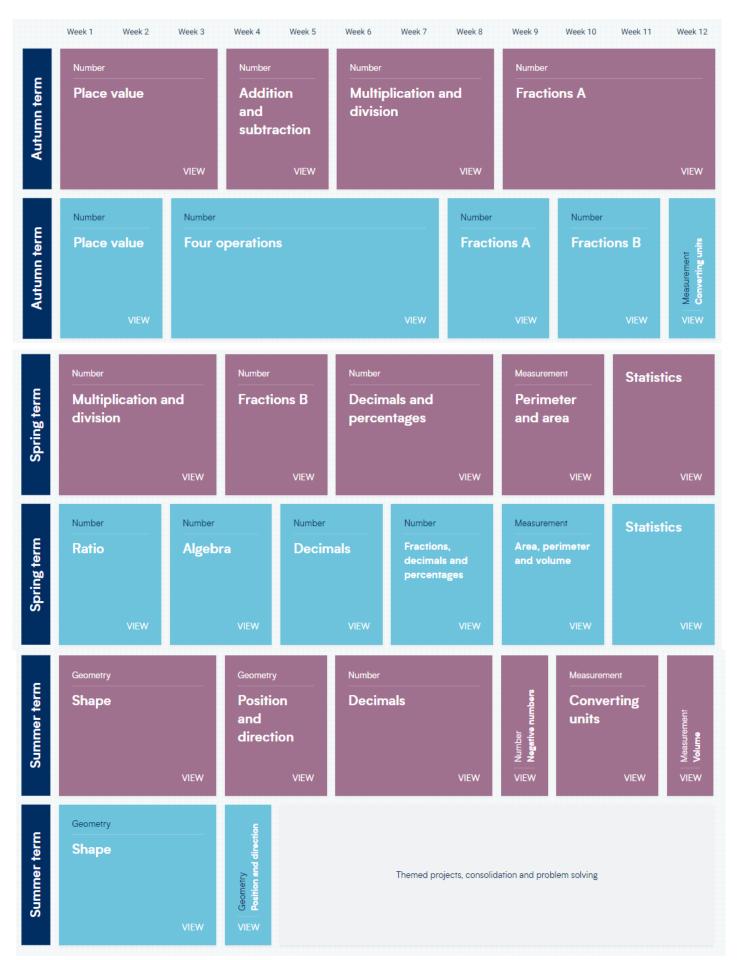


Holy Family Catholic Primary School Year 6/5 Maths Long Term Plan and Autumn Term Overview





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Year 6/5 – Autumn Term					
Number: Place Value Number: Addition and Subtraction		Number: Multiplication and Division			
Year 5 Year 6	Year 5 Year 6	Year 5	Year 6		
Read Roman numerals to 1000 (M) and recognise years written in Roman numerals. Read, write, order and compare numbers to at least 1 000 000 10 000 000 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 Round any number up to 1 000 000 Round any number up to 1 000 000/ any whole number to the nearest 10, 100, 1000, 10 000 and 100 000 /to a required degree of accuracy Solve number and practical problems that involve all of the above. Use negative numbers in context, and calculate intervals across zero Solve number problems and practical problems that involve all of the above all of the above	Add and subtract numbers mentally with increasingly large numbers Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) Use rounding/estimation to check answers to calculations and determine, in the context of a problem, levels of accuracy/ an appropriate degree of accuracy Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why Solve problems involving addition and subtraction	Identify common multiples and common factors, including finding all factor factors of two numbers Identify prime numbers Solve problems involving multiplication and division including using their kn squares and cubes Know and use the vocabulary of prime numbers, prime factors and compose Establish whether a number up to 100 is prime and recall prime numbers undersupers and use square numbers and cube numbers, and the notation for Multiply and divide whole numbers and those involving decimals by 10, 100 Multiply and divide numbers mentally drawing upon known facts Multiply multi-digit numbers up to 4 digits by a one — or two-digit whole number and of long multiplication for two-digit numbers Perform mental calculations, including with mixed operations and large numbers up to 4 digits by a one digit/two-digit number using the form division where appropriate, interpreting remainders according to the context. Divide numbers up to 4 digits by a two-digit whole number using the formal and interpret remainders as whole number remainders, fractions, or by rouncontext. Use their knowledge of the order of operations to carry out calculations involving multiplication and division	nowledge of factors and multiples, site (non-prime) numbers p to 19 or squared (2) and cubed (3) of and 1000 of the state		



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Year 6/5 – Autumn Term				
Numbe	Measurement: Converting units			
Year 5		Year 6		
Identify, name and write equivalent fractions of a given fractions and constatements > 1 as a mixed number [for example, 2/5 + 4/5]	Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where			
Add and subtract fractions with the same denominator and	appropriate			
multiples of the same number / with different denominator	Use, read, write and convert between standard units, converting			
Use common factors to simplify fractions; use common me	measurements of length, mass, volume and time from a smaller unit			
Compare and order fractions, whose denominators are all	of measure to a larger unit, and vice versa, using decimal notation to up			
Identify common factors, common multiples and prime number of	to three decimal places			
Solve addition and subtraction multi-step problems in con-				
Solve problems involving addition, subtraction, multiplicate				
Multiply proper fractions and mixed numbers by whole nur				
Multiply simple pairs of proper fractions, writing the answer				
Divide proper fractions by whole numbers [for example, 1/				
Associate a fraction with division and calculate decimal fra example, 1/8]				