St Chad's Catholic Primary School
Year 5 Maths Yearly Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	**Number** **Place value** *Roman numerals to 1,000, numbers to 10,000/100,000/1,000,000, read and write numbers to 1,000,000, powers of 10, 10/100/1,000/10,000/100,000 more or less, partition numbers to 1,000,000, number line to 1,000,000, compare and order numbers to 1,000,000, round to the nearest 10, 100 or 1,000, round within 100,000*			**Number** **Addition and subtraction** *Mental strategies, add/subtract whole numbers with more than 4 digits, round to check answers, inverse operations, multi-step addition and subtraction problems, compare calculations, find missing numbers*		**Number** **Multiplication and division** *Multiples, common multiples, factors, common factors, prime numbers, square numbers, cube numbers, multiply by 10, 100 and 1,000, divide by 10, 100 and 1,000, multiples of 10, 100 and 1,000*			**Number** **Fractions** *Find fractions equivalent to a unit fraction/non-unit fraction, recognise equivalent fractions, convert between improper fractions and mixed numbers, compare fractions less than 1, order fractions less than 1, compare/order fractions greater than 1, add/subtract fractions with the same denominator, add fractions within 1, add fractions with total greater than 1, add to a mixed number, add two mixed numbers, subtract fractions, subtract from a mixed number, subtract two mixed numbers*			
Spring term	**Number** **Multiplication and division** *Multiply up to a 4-digit by 1-digit, multiply a 2-digit by 2-digit, multiply a 3-digit by 2-digit, multiply a 4-digit by 2-digit, solve problems with multiplication, short division, divide a 4-digit by 1-digit, divide with remainders, efficient division, solve problems with multiplication and division*			**Number** **Fractions** *Multiply a unit fraction/non-unit fraction/mixed number by an integer, calculate a fraction of a quantity, fraction of an amount, find the whole, fractions as operators*		**Number** **Decimals and percentages** *Decimals up to 2 d.p, equivalent fractions and decimals, thousandths as fractions/as decimals/on a place value chart, order and compare any decimals with up to 3 decimal places, round to the nearest whole, round to 1 decimal place, understand percentages, percentages as fractions, percentages and decimals equivalent FDP*			**Measurement** **Perimeter and area** *Perimeter of rectangles, perimeter of rectilinear shapes, perimeter of polygons, area of rectangles, area of compound shapes, estimate area*		**Statistics** *Draw line graphs, read and interpret line graphs, read and interpret tables, two-way tables, read and interpret timetables*	

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	Geometry Shape	Geometry Position and direction	Number Decimals	Number Negative numbers	Measurement Converting units	Measurement Volume
Summer term	*Understand/use degrees, classify, estimate and measure angles, draw lines and angles accurately, calculate angles around a point/on a straight line, lengths and angles in shapes, regular and irregular polygons, 3D shapes*	*Read and plot coordinates, problem solve with coordinates, translation, translation with coordinates, lines of symmetry, reflection in horizontal and vertical lines*	*Use known facts to add and subtract decimals within 1, complements to 1, add and subtract decimals across 1, add and subtract decimals with the same/different number of decimal places, efficient strategies for adding and subtracting, decimal sequences, multiply by 10, 100 and 1,000, divide by 10, 100 and 1,000, multiply and divide decimals (missing values)*	*Understand negative numbers, count through zero, compare and order negative numbers, find the difference*	*Kilograms and kilometres, millimetres and millilitres, convert units of length, convert between metric and imperial units, convert units of time, calculate with timetables*	*Cubic centimetres, compare volume, estimate volume, estimate capacity*