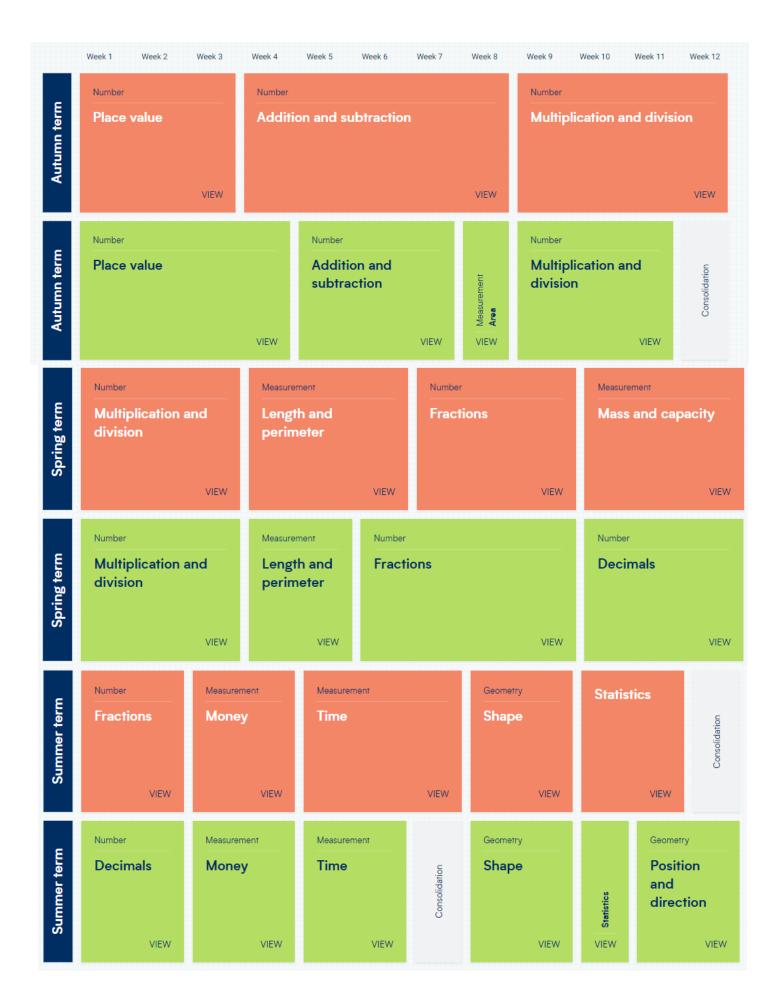


Holy Family Catholic Primary School Year 3/4 Maths Long Term Plan and Spring Term Overview





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Year 3/4 – Spring Term							
Number: Multiplication and division		Measurement: Length and perimeter		Number: Fractions		Measurement: Mass and capacity	Number: Decimals
Year 3	Year 4	Year 3	Year 4	Year 3	Year 4	Year 3	Year 4
Recall and use multiplication facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers (Y2) Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for 2-digit numbers times 1-digit numbers, using mental and progressing to formal written methods Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects	Recognise and use factor pairs and commutativity in mental calculations Recall multiplication and division facts for multiplication tables up to 12 x 12 Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000 (Y5) Solve problems involving multiplying and adding, including using the distributive law to multiply 2-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects Multiply 2-digit and 3-digit numbers by a 1-digit number using formal written layout Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) Measure the perimeter of simple 2-D shapes	Convert between different units of measure [for example, kilometre to metre; hour to minute] Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators Compare and order unit fractions, and fractions with the same denominators Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) Recognise and show, using diagrams, equivalent fractions with small denominators	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators (Y3) Recognise and show, using diagrams, families of common equivalent fractions Add and subtract fractions with the same denominator	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing 1-digit numbers or quantities by 10 (Y3) Recognise and write decimal equivalents of any number of tenths or hundredths Compare numbers with the same number of decimal places up to 2 decimal places Find the effect of dividing a 1- or 2-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths Count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10