Holy Family Catholic Primary School Year 2 Maths Overview

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Number Number and Place Value Addition and Subtraction	**Number** Addition and Subtraction Multiplication and Division	**Fractions** Multiplication and Division	**Measurement**	**Geometry** Properties of shapes Position and direction	**Statistics**
Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward *Read and write numbers to at least 100 in numerals and in words* *Recognise the place value of each digit in a two-digit number (tens, ones)* *Identify, represent and estimate numbers using different representations, including the number line*	*Addition and Subtraction objectives from Autumn 1* *Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs* *Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables including recognising odd and even numbers*	*Multiplication and division objectives from Autumn 2* *Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity* *Write simple fractions for example $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{3}{2}$*	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels Compare and order lengths, mass, volume/capacity and record the results using >, < and = Recognise and use symbols for pounds	*Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line* *Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces* Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid] Compare and sort common 2-D and 3-D	Interpret and construct simple pictograms, tally charts, block diagrams and simple tables Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity

Compare and order numbers from 0 up to 100; use <, > and = signs	*Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot*		(£) and pence (p); combine amounts to make a particular value	shapes and everyday objects.	
Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100			Find different combinations of coins that equal the same amounts of money	Order and arrange combinations of mathematical objects in patterns and sequences	
Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems			Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	*Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three- quarter turns (clockwise and anti- clockwise).*	
			Compare and sequence intervals of time		
Add and subtract numbers mentally, including: • *A two-digit number and ones* • *A two-digit number and tens* • *Two two-digit numbers*			Know the number of minutes in an hour and the number of hours in a day. Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times		

- Adding three one-digit numbers Add and subtract numbers using concrete objects, pictorial representations including: - A two-digit number and ones - A two-digit number and tens - Two two-digit numbers - Adding three one-digit numbers Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot				

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Continuous objectives:

Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
 	
Use place value and number facts to solve problems
 	
Solve problems with addition and subtraction:
   • using concrete objects and pictorial representations, including those involving numbers, quantities and measures
   • applying their increasing knowledge of mental and written methods
 	
Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems
 	
Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
 	
Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity
 	
Write simple fractions for example $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{3}{2}$