St Walburga's Catholic Primary School
Year 2 Maths Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1	Read and write numbers to at least 20 in numerals and words. Compare and order numbers from 0 up to 20; use <, > and = signs.	Read and write numbers to at least 100 in numerals and words. Identify, represent, and estimate numbers using different representations, including a number line.	Recognise the place value of each digit in a 2-digit number (tens, ones). Count in 10s from any number, forward and backward.	Compare and order numbers from 0 up to 100; use <, > and = signs. Use place value and number facts to solve problems. Count in steps of 2, 3 and 5 from 0.	Recall and use addition and subtraction facts to 20 fluently and derive and use related facts up to 100. Read, write, and interpret mathematical statements involving + - = signs.	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: • Adding three 1-digit numbers. • 2-digit number & ones Solve problems with addition and subtraction.	Add numbers using concrete objects, pictorial representations, and mentally, including: • 2-digit number & tens • Two 2-digit numbers Find 10 more than a given number. Solve problems with addition.
Autumn 2	Subtract numbers using concrete objects, pictorial representations, and mentally, including: • 2-digit number & tens • Two 2-digit numbers Find 10 less than a given number. Solve problems with subtraction.	Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems.	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value. Find different combinations of coins that equal the same amounts of money. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.	Solve problems involving arrays and repeated addition.	Solve problems involving multiplication using materials and pictures. Calculate the mathematical statements for multiplication (linked to pictures) within the multiplication tables and write them using x ÷ = signs.	ASSESSMENT WEEK • Past SATs paper or White Rose assessment • Use question analysis to plan morning activities for Spring Term.	(Division as sharing) Calculate the mathematical statements for multiplication and division within the multiplication tables and write them using x ÷ = signs. Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
Spring 1	Count in steps of 2. Recall and use multiplication and division facts for the 2 times tables, including recognising odd and even numbers.	Count in steps of 5 and 10. Recall and use multiplication and division facts for the 5-, and 10-times tables.	Count in steps of 3. Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.	Know the number of minutes in an hour and the number of hours in a day. Tell the time to five minutes, including quarter past/to the hour and draw the hands on a clock to show these times.	Write the time to five minutes, including quarter past/to the hour and draw the hands on a clock to show these times. Compare and sequence intervals of time.	Count in fractions up to 10. Recognise, find, name, and write fractions $\frac{1}{3}$, ¼, $\frac{2}{4}$, and ¾ of a length, shape, set of objects or quantity (practically).	

Spring 2	Recognise, find, name, and write fractions $^1/_3$, ¼, $^2/_4$, and ¾ of a length, shape, set of objects or quantity. Write simple fractions, e.g., ½ of 6 = 3 and recognise the equivalence of ½ and $^2/_4$.	Identify and describe the properties of 2D shapes, including the number of sides and symmetry in a vertical line.	Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces. Identify 2D shapes on the surface of 3D shapes.	Compare and sort common 2D and 3D shapes and everyday objects.	ASSESSMENT WEEK • Past SATs paper • Use question analysis to plan morning activities for Summer Term	Order and arrange combinations of mathematical objects in patterns and sequences. 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).
Summer 1	Construct simple: • Pictograms • Tally charts • Block diagrams • Simple tables	Interpret simple: • Pictograms • Tally charts • Block diagrams • Simple tables Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. • Ask and answer questions about totalling and compare categorical data.	Choose and use appropriate standard units to estimate and measure: • Length/height in any direction (m/cm) to the nearest appropriate unit, using rulers. Compare and order lengths, and record the results using >, < and =.	Choose and use appropriate standard units to estimate and measure: • Mass (kg/g) • Temperature (∘C) • Capacity (l/ml) to the nearest appropriate unit, using scales, thermometers and measuring vessels. Compare and order mass, volume/capacity and record the results using >, < and =.	SATs	SATs
Summer 2	RECAP ADDITION/ SUBTRACTION (Ready for Year 3)	RECAP ADDITION/ SUBTRACTION (Ready for Year 3)	RECAP MULTIPLICATION/ DIVISION (Ready for Year 3)	RECAP MULTIPLICATION/ DIVISION (Ready for Year 3)	RECAP FRACTIONS (Ready for Year 3)	RECAP FRACTIONS (Ready for Year 3)	END OF TERM MATHS