



St Matthew's Bloxam

Year 2 Maths- Long term plan and skills progression

	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	Number Place value				Number Addition and subtraction				Geometry Shape			
Spring	Measurement Money	Number Multiplication and division						Measurement Length and height	Measurement Mass, capacity and temperature			
Summer	Number Fractions			Measurement Time			Statistics		Geometry Position and direction	Consolidation		

Autumn skills

Place value

New scheme steps
Numbers to 20
Count objects to 100 by making 10s
Recognise tens and ones
Use a place value chart
Partition numbers to 100
Write numbers to 100 in words
Flexibly partition numbers to 100
Write numbers to 100 in expanded form
10s on the number line to 100
10s and 1s on the number line to 100
Estimate numbers on a number line
Compare objects
Compare numbers
Order objects and numbers
Count in 2s, 5s and 10s
Count in 3s

Addition and subtraction

New scheme steps
Bonds to 10
Fact families – addition and subtraction bonds within 20
Related facts
Bonds to 100 (tens)
Add and subtract 1s
Add by making 10
Add three 1-digit numbers
Add to the next 10
Add across a 10
Subtract across 10
Subtract from a 10
Subtract a 1-digit number from a 2-digit number (across a 10)
10 more, 10 less
Add and subtract 10s
Add two 2-digit numbers (not across a 10)
Add two 2-digit numbers (across a 10)
Subtract two 2-digit numbers (not across a 10)
Subtract two 2-digit numbers (across a 10)
Mixed addition and subtraction
Compare number sentences
Missing number problems

Shape

New scheme steps
Recognise 2-D and 3-D shapes
Count sides on 2-D shapes
Count vertices on 2-D shapes
Draw 2-D shapes
Lines of symmetry on shapes
Use lines of symmetry to complete shapes
Sort 2-D shapes
Count faces on 3-D shapes
Count edges on 3-D shapes
Count vertices on 3-D shapes
Sort 3-D shapes
Make patterns with 2-D and 3-D shapes

Mastering Number

Year 2 Overview

Term 1	Term 2	Term 3
Pupils will have an opportunity to consolidate their understanding and recall of number bonds within 10; they will re-cap the composition of the numbers 11 to 20 and reason about their position within the linear number system. Pupils will: - review the composition of the numbers 6 to 9 as '5 and a bit' - compare numbers using the language of comparison and use the symbols $<$ $>$ $=$ - review the structure of even numbers (including exploring how even numbers can be composed of two odd parts or two even parts) and the composition of each of 6, 8 and 10 - review the structure of odd numbers (including exploring how odd numbers can be composed of one odd part and one even part) and the composition of each of 7 and 9	Pupils will have an opportunity to use their knowledge of the composition of numbers within 10 to calculate within 20; they will explore the links between the numbers in the linear number system within 10 to numbers within 100, focusing on multiples of 10 and the midpoint of 50. Pupils will: - explore how the numbers 6 to 9 can be doubled using the '5 and a bit' and '10 and a bit' structure - use doubles to calculate near doubles - use bonds of 10 to reason about bonds of 20, in which the given addend is greater than 10 - use known number bonds within 10 to calculate within 20, working within the 10-boundary	Pupils will have further opportunities to use their knowledge of the composition of numbers within 10 to calculate within 20 and to reason about equations and inequalities. Pupils will: - continue to explore a range of strategies to subtract across the 10-boundary - review bonds of 20 in which the given addend is greater than 10, and reason about bonds of 20, in which the given addend is less than 10 - practise previously explored strategies to support their reasoning about inequalities and equations - review doubles and near doubles and transform additions in which two addends are adjacent odd/ even numbers into doubles

- consolidate their understanding of the numbers 10 and 20 as '10 and a bit' - consolidate their understanding of the linear number system to 20 and reason about midpoints	- use their knowledge of bonds of 10 to find three addends that sum to 10 - use their knowledge of the composition of numbers within 20 to add and subtract across the 10-boundary - use their understanding of the linear number system to 10 to position multiples of 10 on a 0--100 number line and reason about midpoints	consolidate previously taught facts and strategies through continued, varied practice
This term will particularly support the teaching and consolidation of the following RtP criteria: 1NPV-2 2NF-1	This term will particularly support the teaching and consolidation of the following RtP criteria: 2NPV-2 2NF-1 2AS-1	This term will particularly support the teaching and consolidation of the following RtP criteria: 2NF-1 2AS-1 2AS-2