

Mathematics



Long Term Overview and Small Steps

Year 2

15 weeks	Autumn		
	Number Place Value	Number Addition and Subtraction	Number Multiplication and Division
	4 weeks	5 weeks	5 weeks
Autumn	<ol style="list-style-type: none"> Numbers to 20 Counting 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 	<ol style="list-style-type: none"> 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 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 	<ol style="list-style-type: none"> Recognise equal groups Make equal groups Add equal groups Introduce the multiplication symbol Multiplication sentence Use arrays Make equal groups – grouping Make equal groups – sharing The 2 times-table Divide by 2 Doubling and halving Odd and even numbers The 10 times-table Divide by 10 The 5 times-tables Divide by 5 The 5 and 10 times-tables

13 weeks	Spring				
	Number Fractions	Measures Money	Measurement Length and height	Measurement Mass, capacity and temperature	Measurement Time
	3 weeks	2 weeks	2 weeks	3 weeks	3 weeks
Spring	<ol style="list-style-type: none"> 1. Introduction to parts and whole 2. Equal and unequal parts 3. Recognise a half 4. Find a half 5. Recognise a quarter 6. Find a quarter 7. Recognise a third 8. Find a third 9. Find the whole 10. Unit fractions 11. Non-unit fractions 12. Recognise the equivalence if a half and two-quarters 13. Recognise three-quarters 14. Find three-quarters 15. Count in fractions up to a whole 	<ol style="list-style-type: none"> 1. Count money – pence 2. Count money – pounds (notes and coins) 3. Count money – pounds and pence 4. Choose notes and coins 5. Make the same amount 6. Compare amounts of money 7. Calculate with money 8. Make a pound 9. Find change 10. Two-step problems 	<ol style="list-style-type: none"> 1. Measure in centimetres 2. Measure in metres 3. Compare lengths and heights 4. Order lengths and heights 5. Four operations with length and height 	<ol style="list-style-type: none"> 1. Compare mass 2. Measure in grams 3. Measure in kilograms 4. Four operations with mass 5. Compare volume and capacity 6. Measure in millilitres 7. Measure in litres 8. Four operations with volume and capacity 9. Temperature 	<ol style="list-style-type: none"> 1. O'clock and half past 2. Quarter past and quarter to 3. Tell the time past the hour 4. Tell the time to the hour 5. Tell the time to 5 minutes 6. Minutes in an hour 7. Hours in a day

11 weeks	Summer			
	Geometry Shape	Geometry Position and Direction	Statistics	Consolidation
	3 weeks	2 weeks	2 weeks	
Summer	<ol style="list-style-type: none"> 1. Recognise 2-D and 3-D shapes 2. Count sides on 2-d shapes 3. Count vertices on 2-D shapes 4. Draw 2-D shapes 5. Lines of symmetry on shapes 6. Use lines of symmetry to complete shapes 7. Sort 2-D shapes 8. Count faces on 3-D shapes 9. Count edges on 3-D shapes 10. Count vertices on 3-D shapes 11. Sort 3-D shapes 12. Make patterns with 2-D and 3-D shapes 	<ol style="list-style-type: none"> 1. Language of position 2. Describe movement 3. Describe turns 4. Describe movement and turns 5. Shape patterns with turns 	<ol style="list-style-type: none"> 1. Make tally charts 2. Tables 3. Block diagrams 4. Draw pictograms (1-) 5. Interpret pictograms (1-1) 6. Draw pictograms (2, 5 and 10) 7. Interpret pictograms (2, 5 and 10) 	

White Rose - Suggested number of weeks	
Place Value	4 weeks
Addition and Subtraction	5 weeks
Shape	3 weeks
Money	2 weeks
Multiplication and Division	5 weeks
Length and Height	2 weeks
Mass, Capacity and temperature	3 weeks
Fractions	3 weeks
Time	3 weeks
Statistics	2 weeks
Position and Direction	2 weeks