Mathematics

Long Term Overview and Small Steps

Year 1

15 weeks	Autumn		
Autumn	Number Place Value (within 10)	Number Addition and Subtraction (within 10)	Number Place Value (within 20)
	6 weeks	6 weeks	3 weeks
	1. Sort Objects 2. Count objects 3. Count objects from a larger group 4. Represent objects 5. Recognise numbers as words 6. Count on from any number 7. 1 more 8. Count backwards within 10 9. 1 less 10. Compare groups by matching 11. Fewer, more, same 12. Less than, greater then, equal to 13. Compare numbers 14. Order objects and numbers 15. The number line	1. Introduce parts and whole 2. Part-whole model 3. Write number sentences 4. Fact families – addition facts 5. Number bonds within 10 6. Systematic number bonds within 10 7. Number bonds to 10 8. Addition – add together 9. Addition – add more 10. Addition problems 11. Find a part 12. Subtraction – find a part 13. Fact families – the eight facts 14. Subtraction – take away/cross out (How many left?) 15. Take away (How many left?) 16. Subtraction on a number line 17. Add or subtract 1 or 2	1. Count within 20 2. Understand 10 3. Understand 11, 12 and 13 4. Understand 14, 15 and 16 5. Understand 17, 18 and 19 6. Understand 20 7. 1 more and 1 less 8. The number line to 20 9. Use a number line to 20 10. Estimate on a number line to 10 11. Compare numbers to 20 1. Order numbers to 20

13 weeks	Spring				
	Number Addition and Subtraction (within 20)	Number Place Value (within 50)	Number Multiplication and Division	Number Fractions	Measurement Money
	3 weeks	2 weeks	3 weeks	2 weeks	1 week
Spring	1. Add by counting on within 20 2. Add ones using number bonds 3. Find and make number bonds to 20 4. Doubles 5. Near doubles 6. Subtract ones using number bonds 7. Subtraction – counting back 8. Subtraction – finding the difference 9. Related facts 10. Missing number problems	1. Count from 20 to 50 2. 20, 30, 20 and 50 3. Count by making groups of tens 4. Groups of tens and ones 5. Partition tens and ones 6. The number line to 50 7. Estimate on a number line to 50 8. 1 more, 1 less	1. Count in 2s 2. Count in 10s 3. Count in 5s 4. Recognise equal groups 5. Add equal groups 6. Make arrays 7. Make doubles 8. Make equal groups – doubling Make equal groups – sharing	1. Recognise a half of an object or a shape 2. Find half of an object or a shape 3. Recognise a half of a quantity 4. Find a half of a quantity 5. Recognise a quarter of an object or a shape 6. Find a quarter of an object or shape 7. Recognise a quarter of a quantity Find a quarter of a quantity	1. Unitising 2. Recognising coins 3. Recognising notes 4. Count in coins

11 weeks	Summer					
	Measurement Length and Height	Measurement Mass	Measurement Time	Number Place Value (within 100)	Geometry Shape	Geometry Position and Direction
	2 weeks	2 weeks	2 weeks	2 weeks	1 weeks	1 week
Summer	1. Compare lengths and heights 2. Measure length using objects 3. Measure lengths in centimetres	1. Heavier and lighter 2. Measure mass 3. Compare mass 4. Full and empty 5. Compare volume 6. Measure capacity 7. Compare capacity	1. Before and after 2. Days of the week 3. Months of the year 4. Hours, minutes and seconds 5. Tell the time to the hour 6. Tell the time to the half hour	1. Count from 50 to 100 2. Tens to 100 3. Partition into tens and ones 4. The number line to 100 5. 1 more, 1 less 6. Compare numbers with the same number of tens 7. Compare any two numbers	1. Recognise and names 3-D shapes 2. Sort 3-D shapes 3. Recognise and name 2-D shapes 4. Sort 2-D shapes 5. Patterns with 2-D and 3-D shapes	1. Describe turns 2. Describe position – left and right 3. Describe position – forward and backwards 4. Describe position – above and below 5. Ordinal numbers