Year `1 Mathematics Sequence and Small Steps

		Autumn				
		Approximately 5 weeks	Approximately 5 weeks	Approximately 1 week	Approximately 3 weeks	
Autumn	**Transition**	**Number: Place Value within 10** • Sort objects • Count objects • Represent objects • Count, read and write forwards from any number 0 to 10. • Count, read and write backwards from any number 0 to 10. • Count one more • Count one less • One to one correspondence to start to compare groups • Compare groups using language such as equal, more/greater, less than • Introduce <,> and = symbols • Compare numbers • Order groups of objects • Order numbers • Ordinal numbers (1st, 2nd, 3rd) • The number line	**Number: Addition and Subtraction within 10** • Part-whole model • Addition symbol • Fact families – addition facts • Find number bonds within 10 • Systematic methods for number bonds within 10 • Number bonds to 10 • Compare number bonds • Addition – adding altogether • Addition – adding more • Finding a part • Subtraction – taking away, how many left? Crossing out • Subtraction – taking away, how many left? Introducing the subtraction symbol. • Subtraction – finding a part, breaking part • Fact families – the 8 facts • Subtraction – counting back • Subtraction – finding the difference • Comparing addition and subtraction statements a+b>c • Comparing addition and subtraction statements a+b>c+d	**Geometry: Shape** • Recognise and name 3D shapes • Sort 3D shapes • Recognise 2D shapes (on 3D shapes) • Sort 2D shapes • Patterns with 3D and 2D shapes	**Number: Place Value within 20** • Count forwards and backwards and write numbers to 20 in numerals and words. • Numbers from 11 to 20 • Tens and ones • Count one more and one less • Compare groups of objects • Compare numbers • Order groups of objects • Order numbers	**Christmas**

	Spring				
	Approximately 4 weeks	Approximately 3 weeks	Approximately 2 weeks	Approximately 2 weeks	
Spring	**Number: Addition and subtraction within 20** • Add by counting on • Find and make number bonds • Add by making 10 • Subtraction – not crossing 10 • Subtraction – crossing 10 (1) • Subtraction – crossing 10 (2) • Related facts • Compare number sentences	**Number: Place Value within 50** • Numbers to 50 • Tens and ones • Represent numbers to 50 • One more and one less • Compare objects within 50 • Compare numbers within 50 • Order numbers within 50 • Count in 2s • Count in 5s	**Measurement: Length and height** • Compare lengths and heights • Measure length (1) • Measure length (2)	**Measurement: Weight and volume** • Introduce weight and mass • Measure mass • Compare mass • Introduce capacity and volume • Measure capacity • Compare capacity	**Consolidation**

	Summer					
	Approximately 3 weeks	Approximately 2 weeks	Approximately 1 week	Approximately 2 weeks	Approximately 1 week	Approximately 2 weeks

Summer	Number: Multiplication and division	Number: Fractions	Measurement: Position and direction	Number: Place Value within 100	Measurement: Money	Measurement: Time	Consolidation
	• Count in 10s • Make equal groups • Add equal groups • Make arrays • Make doubles • Make equal groups – grouping • Making equal groups – sharing	• Find a half (1 shape/objects) • Find a half (2 quantity) • Find a quarter (1 shape/object) • Find a quarter (2 quantity)	• Describe turns • Describe position (1 left, right, forwards, backwards) • Describe position (2 top, middle, bottom, above and below)	• Counting to 100 (forwards and backwards) • Partitioning numbers • Comparing numbers (1) • Comparing numbers (2) • Ordering numbers (objects and numbers) • One more, one less	• Recognise coins • Recognise notes • Counting coins	• Before and after • Dates • Times to the hour • Times to half hour • Writing time • Comparing time	