Year R Long Term Maths Plan

<u> </u>			_
Term	A	В	
	Developing a strong grounding in number is essential so that all children develop the confidently, develop a deep understanding of the numbers to 10, the relationships be opportunities to build and apply this understanding - such as using manipulatives, including base of knowledge and vocabulary from which mastery of mathematics is built. In additionable their spatial reasoning skills across all areas of mathematics including shape, space a mathematics, look for patterns and relationships, spot connections, 'have a go', ta	tween them and the patterns within those numbers. By providing frequent and varied ing small pebbles and tens frames for organising counting - children will develop a secure on, it is important that the curriculum includes rich opportunities for children to develop and measures. It is important that children develop positive attitudes and interests in	
	, , , , , , , , , , , , , , , , , , , ,	4 – the fourness of 4. Square numbers. 4 o'clock. Quadrilaterals. 4 on a	
Autumn	Sharing stories about number Singing number based nursery rhymes 1 – 1p, the oneness of one, circles, 1 o'clock. 2 – 2p, the twoness of two, 2 o'clock, making and breaking 2, 2-step patterns. 3 – the Threeness of three, 3 o'clock, 3-step patterns, making and breaking 3. Subitising to 3 – known layouts, unfamiliar layouts, subsets, fives frames. Ordering numbers to 3.	fives frame. Making and breaking 4. Subitising to 4. Ordering numbers to 4. 5 – the fiveness of 5. 5p. 5 o'clock. Making and breaking 5. Pentagons. Counting to and from 5. Subitising to 5. Ordering numbers to 5. One more and one less to 5. More, fewer and less.	
Spring	0 – the concept of 0. Greater than and less than. Making and breaking 5. 6 – counting to and from 6, hexagons, subitising 6 on a dice, practically making and breaking of 6, 6 into equal groups, factors of 6, 6 o'clock. 7, 8, 9 – counting to and from, o'clock, one more and one less, practically making and breaking. 9 – square numbers, partitioning into equal groups. Mental recall of number bonds to 5. Number sense: Subitising	10 – counting to and from 10, 10=10*1, one more and one less, making and breaking 10. Odd and even numbers. Doubles and halves. Greater than and less than. Mental recall of number bonds to 5. Number sense: Making and breaking to 5.	
Summer	Making and breaking to 5 and 10. Mental recall of number bonds to 10.	11-20: ten and more, arrays, rectangular and square numbers, doubles and halves, sharing equally. Problem solving.	

Year 1 Long Term Maths Plan

Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week Week 7 8		Week 9	Week 10	Week 1	1		Week 12	
Autumn	Number: Place Value NCETM Spine: 1.1 (comparison context) 1.3 (numbers 0-5) and 1.4 (numbers6-10) RtP – NPV-1, NPV-2, NF-1, AS-1, AS-2		nparison 5) and 1.4	Addition & subtraction NCETM Spine 1.2 (part whole model) 1.5 RtP – NF-1, AS-1, AS-2		Measurement Money / length	D+D NDV 1 NDV		Addition & subtraction NCETM Spine 1.5 and 1.6 RtP – NF-1, AS-1, AS-2			ry	Value		
	Number: Place Value (within									Era	Fractions 9				
50) includes counting in 2s and 5s NCETM Spine 1.9, 2.1 RtP - NPV- 1		s subtraction (within 20) d NCETM Spine 1.7 (TP2,3,7,8 & 9) RtP – NPV-1	Measurement Money / length RtP NF-2, NPV-2, AS-2	NCETM S	division Spine 2.1 (TP 1-3) so ref back to 1.8 TP 2	50) inc	ludes cou and 5s ETM Spine	nting in 2s 1.9, 2.1	R Halvin G Find a	geometry RtP – G1 alving shapes or objects and a quarter of a		Addition & subtraction Money & mass NCETM Spine 1.10 RtP – NPV-1,			
Summer	Assessment	Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 RtP – NF-2		_	•	NCETN RtP – N	L 00) 1 Spine 1.9 PV-1, NF-2			•	, multiplica		ns with ation & ion Spine 3		
	Spring	Number NCETM Spicontext) 1.3 (number: Place Value (within 50) includes counting in 2s and 5s NCETM Spine 1.9, 2.1 RtP – NPV-1	Number: Place V NCETM Spine: 1.1 (com context) 1.3 (numbers 0- (numbers6-10) RtP - NPV-1, NPV-2, NF-1 2 Number: Place Value (within 50) includes counting in 2s and 5s NCETM Spine 1.9, 2.1 RtP - NPV- 1 Multipli divi NCETM: (TP 1-3) oref back	Number: Place Value NCETM Spine: 1.1 (comparison context) 1.3 (numbers 0-5) and 1.4 (numbers6-10) RtP – NPV-1, NPV-2, NF-1, AS-1, AS-2 Number: Place Value (within 50) includes counting in 2s and 5s NCETM Spine 1.9, 2.1 RtP – NPV- 1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2	Number: Place Value NCETM Spine: 1.1 (comparison context) 1.3 (numbers 0-5) and 1.4 (numbers6-10) RtP – NPV-1, NPV-2, NF-1, AS-1, AS- 2 Number: Place Value (within 50) includes counting in 2s and 5s NCETM Spine 1.9, 2.1 RtP – NPV-1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2	Number: Place Value NCETM Spine: 1.1 (comparison context) 1.3 (numbers 0-5) and 1.4 (numbers6-10) RtP - NPV-1, NPV-2, NF-1, AS-1, AS-2 Number: Place Value (within 50) includes counting in 2s and 5s NCETM Spine 1.9, 2.1 RtP - NPV-1 Assessment Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 Addition & subtraction NCETM Spine 1.2 (part whole model) 1.5 RtP - NF-1, AS-1, AS-2 Measurement Money / length RtP NF-2, NPV-2, AS-2 Research Addition & subtraction Money / length RtP NF-2, NPV-2, AS-2 Research Fractions & geometry RtP - G2	Number: Place Value NCETM Spine: 1.1 (comparison context) 1.3 (numbers 0-5) and 1.4 (numbers6-10) RtP - NPV-1, NPV-2, NF-1, AS-1, AS-2 Number: Place Value (within 50) includes counting in 2s and 5s NCETM Spine 1.7 (TP2,3,7,8 & 9) RtP - NPV-1 RtP - NPV-1 Multiplication & division NCETM Spine 1.9, 2.1 RtP - NPV-1 Assessment Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 RtP - NPV-1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 RtP - NPV-1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP Addition & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP Addition & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP Addition & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP Addition & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP Addition & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP Addition & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP Addition & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP Addition & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP Addition & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP Addition & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP Addition & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP Addition & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP NCETM Spine 2.1 (TP	Number: Place Value (numberse-10) RtP - NPV-1, NPV-2, NF-1, AS-1, AS-2 Number: Place Value (within 50) includes counting in 2s and Spine 1.9, 2.1 RtP - NPV-1 Assessment Assessment Number: Place Value (within 20) NCETM Spine 1.7 (TP2,3,7,8 & 9) RtP - NPV-1 RtP - NPV-1 Assessment Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 Number: Measurement Money / length Money / length NCETM Spine 2.1 (TP 1-3) Could also ref back to 1.8 TP 2 Number: Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 Addition & subtraction NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 Addition & subtraction NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 Addition & subtraction NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NF-2 Addition & subtraction NCETM Spine	Number: Place Value NCETM Spine: 1.1 (comparison context) 1.3 (numbers 0-5) and 1.4 (numbers 6-10) RtP - NPV-1, NPV-2, NF-1, AS-1, AS-2 Number: Place Value (within 50) Includes counting in 2s and 5s NCETM Spine 1.7 (TP2,3,7,8 & 9) RtP - NPV-1 RtP - NPV-1 RtP - NPV-1 RtP - NPV-1	Number: Place Value NCETM Spine: 1.1 (comparison context) 1.3 (numbers 0-5) and 1.4 (numbers 6-10) RtP - NPV-1, NPV-2, NF-1, AS-1, AS-2 Number: Place Value (within 50) Includes counting in 2s and 5s NCETM Spine 1.9, 2.1 RtP - NPV-1 Assessment Assessment Multiplication & division NCETM Spine 2.1 RtP - NPV-1 Assessment Multiplication & division NCETM Spine 2.1 RtP - NPV-1 Multiplication & division NCETM Spine 1.9, 2.1 RtP - NPV-1 RtP - NPV-1 Multiplication & division NCETM Spine 1.9, 2.1 RtP - NPV-1 RtP - NPV-1 RtP - NPV-1 Multiplication & division NCETM Spine 1.9, 2.1 RtP - NPV-1 RtP - NPV-1 RtP - NPV-1 Multiplication & division NCETM Spine 1.9, 2.1 RtP - NPV-1 RtP - NPV-1 Multiplication & division NCETM Spine 1.9, 2.1 RtP - NPV-1 RtP - NPV-1 Multiplication & division NCETM Spine 1.9 RtP - NPV-1 RtP - NPV-1 RtP - NPV-1 Multiplication & division NCETM Spine 1.9 RtP - NPV-1 RtP - NPV-1, NP-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NP-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NP-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NP-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NP-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NP-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NP-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NP-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NP-2 Addition & subtraction	Number: Place Value NCETM Spine: 1.1 (comparison context) 1.3 (numbers 0-5) and 1.4 (numbers 6-10) RtP - NPV-1, NPV-2, NF-1, AS-1, AS-2 Number: Place Value (within 50) includes volue (within 20) in 2s and 5s NCETM Spine 1.7 (TP 2.3, 7,8 & 9) RtP - NPV-1 Assessment Measurement Money / length RtP NF-2, NPV-2, AS-2 RtP - NF-1 RtP NF-2 NV-2, AS-2 Number: Place Value (within 50) includes counting in 2s and 5s NCETM Spine 1.7 (TP 2.3, 7,8 & 9) RtP - NPV-1 Assessment Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 RtP - NF-2 NV-2, AS-2 Number: Place Value (within 50) includes counting in 2s and 5s NCETM Spine 1.9, 2.1 RtP - NPV-1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 RtP - NF-2 NV-2, AS-2 Number: Place Value (within 50) includes counting in 2s and 5s NCETM Spine 1.9, 2.1 RtP - NPV-1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 RtP - NF-2 NV-2, AS-2 Number: Place Value (within 50) includes counting in 2s NCETM Spine 1.9, 2.1 RtP - NPV-1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 RtP - NF-2 Number: Place Value (within 100) NCETM Spine 1.9 RtP - NPV-1 Measurement NOETM Spine 1.9 RtP - NPV-1 Multiplication & division NCETM Spine 1.9 RtP - NPV-1 NCETM Spine 1.9 RtP - NPV-1 Multiplication & division NCETM Spine 1.9 RtP - NPV-1 Number: Place Value (within 100) NCETM Spine 1.9 RtP - NPV-1 Number: Place Value (within 100) NCETM Spine 1.9 RtP - NPV-1 Number: Place Value (within 100) NCETM Spine 1.9 RtP - NPV-1 Number: Place Value (within 100) NCETM Spine 1.9 RtP - NPV-1 NT - NPV-	Number: Place Value NCETM Spine: 1.1 (comparison context) 1.3 (numbers 0-10) RtP - NPV-1, NPV-2, NF-1, AS-1, AS-2 Number: Place Value (within 50) includes counting in 2s and 5s NCETM Spine 1.7 (TP2,3,7,8 & 9) RtP - NPV-1 Assessment Measurement Money / length Measurement Money / length Measurement Money / length Measurement Money / length Number: Place Value (within 50) includes counting in 2s and 5s NCETM Spine 1.9, 2.1 RtP - NPV-1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 RtP - NF-2 Number: Place Value (within 50) includes counting in 2s and 5s NCETM Spine 1.9, 2.1 RtP - NPV-1 Multiplication & division NCETM Spine 1.9, 2.1 RtP - NPV-1 Assessment Multiplication & division NCETM Spine 2.1 (TP2,3,7,8 & 9) RtP - NPV-1 Number: Place Value (within 50) includes counting in 2s and 5s NCETM Spine 1.9, 2.1 RtP - NPV-1 Multiplication & division NCETM Spine 1.9 RtP - NPV-1 Number: Place Value (within 50) includes counting in 2s and 5s NCETM Spine 1.9, 2.1 RtP - NPV-1 Measurement Money / length NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2 RtP - NPV-1 RtP - NPV-1 Number: Place Value (within 100) NCETM Spine 1.9 RtP - NPV-1 Number: Place Value (within 100) NCETM Spine 1.9 RtP - NPV-1 Number: Place Value (within 100) NCETM Spine 1.9 RtP - NPV-1 Neasurement: Time, capacity and volume NCETM Spine 1.9 RtP - NPV-1, NPV-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NPV-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NPV-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NPV-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NPV-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NPV-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NPV-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NPV-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1, NPV-2 Addition & subtraction NCETM Spine 1.9 RtP - NPV-1 RtP	Number: Place Value NCETM Spine: 1.1 (comparison context) 1.3 (numbers 0-5) and 1.4 (numbers 0-10) RTP - NPV-1, NPV-2, NF-1, AS-1, AS-2 Number: Place Value (within 50) Includes counting in 12 s and 5s NCETM Spine: 1.9, 2.1 RTP - NPV-1 RTP - NPV-	Number: Place Value NCETM Spine: 1.1 (comparison context) 1.3 (unmbers 0.5) and 1.4 (numbers 0.10) RtP - NPV-1, NPV-2, NF-1, AS-1, AS-2 Number: Place Value (within 50) Includes counting in 2s and 5s NCETM Spine 1.7 (TP 2, 3, 7, 8, 8, 9) RtP - NPV-1 RtP - NPV-1 Assessment Multiplication & division NCETM Spine 2.1 (TP 2, 3, 7, 8, 8, 9) RtP - NPV-1 Assessment Multiplication & division NCETM Spine 1.7 (TP 2, 3, 7, 8, 8, 9) RtP - NPV-1 Assessment Multiplication & division NCETM Spine 1.7 (TP 2, 3, 7, 8, 9, 9) RtP - NPV-1 Assessment Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2.1 RtP - NPV-1 Assessment Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2.1 RtP - NPV-1 Assessment Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2.1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2.1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2.1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2.1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2.1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2.1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2.1 Multiplication & division NCETM Spine 2.1 (TP 1-3) could also ref back to 1.8 TP 2.2 Addition & subtraction NCETM Spine 1.9 Number: Place Value (within 100) NCETM Spine 1.9 Numb	Number: Place Value NCETM Spine: 1.1 (comparison context) 1.3 (numbers 0-5) and 1.4 (numbers 0-61) and 1.5 (number

Year 2 Long Term Maths Plan

Term	W	eek We	eek 2	Week 3		Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 1	.1	Week 12	Week	13
	P NO	Number: lace Valu CETM Spi	ne	Additio	n & s	subtraction	Measu	rement	Multiplication & division NCETM Spine 2.2, 2.3 (TP 1), 2.4 RtP – MD1								
Autumn	(Re	1 (count 2s, 5s and 10s) 1.9 evisit Yea PV to 100 :P – NPV- NPV-2	r 1)	part-w (suppo bonds t tens and ad	hole t wit o 100 ones ditive	ne 1.2 (for), 1.7, 1.8 th tens and O) 1.9 (TP 6 s to support e calc)	Moi len NCETM 2.1 (T RtP as- AS-3,	ney / gth // Spine TP 4-6) 1, AS-2, AS-4,			NCETM Sp Halves 8 shapes ar	s & geometry ine Key Stage 1 & quarters of nd equivalence P – G-1	Numl Additi NCETM RtP As-	Geom	etry		
	sl can	9 is an essent kill. Those tha not 1.9 will n tinued work o	at eed		RtP A	NS-1		NPV-2									
Spring	NO 1 Rti	ddition & ubtraction & CETM Spi15 & 11 P As-1, As AS-3, AS-4 NPV-2	ne .6 -2,	Measurement: Mass and time			& div NCETN 2.3, 2 RtP –	lication vision A Spine 2.4 2.6 MD1, A NPV-2	Place With A	Value ddition action	Fractions & geometry NCETM Spine Key Stage 1	Measurement Money	Addition subtracti with money NCETM Spine 1. RtP AS-	ion 10 NO NO NO NO NO NO NO N	ultiplication & division CETM Spines 2.5 & 2.6 RtP – MD1, D2 & NPV-2	Geom	etry
Summer	8	ultiplicati & division NCETM Spines Al	n	Four Consolidati			lation	ion Number: Place Value (within 100) Addition & subtraction NCETM Spine 1.15 & 1.16				ement: Time, y and volume	Linki multip	Consolidation			
															1 1		