Specific NCETM PD I	St Bridget's CE Primary Maths Progression Map REFERENCING: NC14, NCETM PD MATERIALS, KS1/KS2 DFE TEST FRAMEWORK, DFE Ready To Progress Guidance MNP DFE/NCETM ACCREDITED TEXTBOOK Specific NCETM PD Materials have been referenced but the whole spine for each area should be studied to ensure sequencing and progression of ideas Please use the non statutory guidance (Ready to Progress materials) to support identifying key learning at each stage Addition and Subtraction								
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6			
			NUMBER BONDS		<u> </u>				
Automatically recall (without reference to rhymes, counting or other aids) number bonds to 5 (including subtraction	Represent and use number bonds and related subtraction facts within 20	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100							
facts) and some number bonds to 10, including double facts	MNP Chapter 1 Link In this chapter, pupils will be exploring the building	MNP Chapter 2 link This chapter looks at addition and subtraction							
Subistis up to 5 NCETM LINK Children need opportunities to see small numbers within a larger collection. 'Number talks' allow children to discuss what they see ie. There are 5 spots altogether. I can see 4 and 1, I can see 3 and 2, I can see 1 and 1 and 1 and 1 and 1. Explore all the ways that e.g five can be and look to encourage conservation. Partition a number of things into two groups and recognise that those groups can be recombined	blocks of numbers. In the first lesson, pupils are exploring different ways of making numbers using the number bond diagrams. In the second lesson, they are using their understanding of number bonds to create number stories using pictorial representations. This unit is designed to support pupil understanding of number and the versatility of numbers for later use in mental methods MNP Chapter 3 Link In this chapter, pupils will come across different ways of adding to 10. They will	using number bond diagrams as well as the standard column method. Pupils will be taken through each lesson with slight variations in the learning objects so that they can reach a level of mastery Chapter 9 In this chapter, pupils will be looking at using addition and subtraction to help them solve word problems. Initially, pupils will be looking at when addition and subtraction are most appropriate: teaching them decision making. The bar model							

Explore a range of ways to	diagram and begin to lay	chapter focuses on		
partition a whole number	the foundations of the	modelling two different		
and identify the pairs o f	inverse of addition. They	amounts by recognising		
numbers that make a total.	will also begin to make	what is the same about the		
Recognise and explore how	their own addition	two amounts (two equal		
a number can be	equation in order to	bars) plus the difference		
partitioned into more than		(the greater amount). This		
'	support the deeper			
two groups.	understanding of the	is important for later		
Know which pairs make a	processes of addition	constructions involving		
given number even when	Chapter 4 Link	more complex problems		
one part is 'hiding' in a	In this chapter, pupils will	Chapter 2		
known number of things.	learn that subtraction	Lesson 5 adding with		
	equations can be done in	renaming		
	three ways: by crossing	Lesson 6 Adding with		
	out, by using number	renaming		
	bonds and by counting	Lesson 11 Subtracting with		
	back. They will continue to	renaming		
	use manipulatives and	Chapter 9		
	pictorial representations to	Lesson 1 Solving word		
	support their	problems		
	understanding and use	problems		
	vocabulary appropriately			
	Chapter 2			
	Lesson 1 making Number			
	Bonds			
	Lesson 2 making Number			
	Stories			
	Chapter 4			
	Lesson 1 Subtract by			
	crossing out			
	Lesson 2 Subtract by using			
	number bonds			
	Lesson 3 Subtract by			
	counting back			
	Chapter 7			
	Lesson 4 Subtract by			
	counting back			
	Lesson 5 Subtract by			
	subtracting ones			
	Lesson 6 Subtract from 10			
	Lesson 7 Addition and			
	Subtraction Facts			
	Chapter 11			
	Lesson 2 Solving Word			
	Problems			

	Lesson 3 Solving Word								
	Problems								
	Lesson 6 Solving Word								
	Problems								
	MENTAL CALCULATION								
Have a deep	Add and subtract one-digit	Add and subtract numbers	Add and subtract numbers		Add and subtract numbers	Perform mental			
understanding of number	and two digit numbers to	using concrete objects,	mentally, including:		mentally with increasingly	calculations, including			
to 10, including the	20, including zero	pictorial representations,	A three-digit number and		large numbers	with mixed operations and			
composition of each	NCETM PD MATERIALS	and mentally, including:	ones		NCETM PD MATERIALS	large numbers			
number	LINK	A two- digit number and	A three- digit number and		LINK	NCETM PD MATERIALS			
	1.5 Additive structures:	ones	tens		1.26 Composition and	LINK			
NCETM LINK	introduction to	A two-digit number and	A three-digit number and		calculation: multiples of	1.30 Composition and			
begin to generalise the	aggregation and	tens	hundreds		1,000 up to 1,000,000	calculation: numbers up to			
one more one less	partitioning	Two two-digit numbers	NCETM PD MATERIALS			10,000,000			
relationship between	1.6 Additive structures:	Adding three one-digit	LINK		MNP Chapter 2 Link				
sequential numbers	introduction to	numbers	1.17 Composition and		In this unit, pupils will be				
If shown two numerals,	augmentation and	NCETM PD MATERIALS	calculation: 100 and		exploring addition and				
children can say which is	reduction	LINK	bridging 100		subtraction of numbers to				
larger by counting or	1.7 Addition and	1.11 Addition and	1.18 Composition and		1 000 000. They will begin				
matching one to one.	subtraction: strategies	subtraction: bridging 10	calculation: three-digit		the unit by using simple				
Children can compare	within 10	1.12 Subtraction as	numbers		strategies to add and				
numbers that are far apart,		difference	1.19 Securing mental		subtract, such as counting				
near to each other and	MNP Chapter 3,4 links as	1.13 Addition and	strategies: calculation up		on and counting back. They				
next to each other.	before	subtraction: two-digit and	to 999		will then focus on adding				
Children recognise that if	Plus	single-digit numbers	MNP Chapter 2 Link		within 1 000 000 and				
they add one, they will get	Chapter 7	1.14 Addition and	This chapter covers		subtracting within 1 000				
the next number, or if one	In this chapter pupils will	subtraction: two-digit	addition and subtraction.		000. Pupils will use				
is taken away they will	learn different ways to add	numbers and multiples of	The chapter starts off with		multiple key methods, such				
have the previous number.	and subtract numbers	ten	simple addition before		as the column method and				
	within 20	1.15 Addition: two-digit	moving on to addition		number bonds to add and				
	Chapter 11	and two-digit numbers	where renaming is		subtract numbers. Pupils				
	Addition and Subtraction	1.16 Subtraction: two-digit	required. Subtraction is		will have access to concrete				
	Word Problems	and two-digit numbers	also covered in a similar		materials throughout the				
	Chapter 3	MNP Chapter 2 and 9 link	way where simple		unit, improving their				
	Lesson 1 Add by using	as above	subtraction is mastered		visualisation and mental				
	number bonds	Chapter 2	before moving to		skills. The unit ends with				
	Lesson 2 Add by counting	Lesson 1 Simple Adding	subtraction where		consolidation activities				
	on	Lesson 2 Simple Adding	renaming is required. Once		with number cards, putting				
	Chapter 4	Lesson 3 Simple Adding	pupils master addition and		pupils' knowledge and				
	Lesson 1 Subtract by	Lesson 6 Adding with	subtraction, they start to		understanding into practice				
	crossing out	renaming	look at problem solving		Chapter 2				
	Lesson 2 Subtract by using	Lesson 7 Simple	questions and practice		Lesson 1 Counting on to				
	number bonds	subtracting	using bar models		add				
			Chapter 2						

Lesson 3 Subtract by counting back Chapter 7 Lesson 4 Subtract by counting back Lesson 5 Subtract by subtracting ones Lesson 6 Subtract from 10 Lesson 7 Addition and Subtraction facts Chapter 11 Lesson 1 Solving Word Problems Lesson 4 Solving Word Problems Lesson 6 Solving Word Problems	Lesson 8 Simple subtracting Lesson 10 Simple subtracting Lesson 12 Subtracting with renaming Lesson 13 Addition of 3 numbers Chapter 9 Lesson 3 Solving word problems Lesson 4 Solving word problems	Lesson 1 addition and Subtraction facts Lesson 2 Simple adding Lesson 3 Simple Adding Lesson 4 Simple Adding Lesson 11 Simple Subtracting Lesson 12 Simple Subtracting Lesson 13 Simple Subtracting Lesson 14 Simple Subtracting	Lesson 2 Counting backwards to subtract Lesson 3 Adding within 1000000 Lesson 4 Adding and subtracting within 1000000 Lesson 5 Adding within 1000000 Lesson 6 Subtracting within 1000000 Lesson 8 Adding within 1000000	
Read, write and interpret mathematical statements involving addition and subtraction and equal signs NCETM PD MATERIALS LINK 1.5-1.7 above MNP Chapter 2,3,4,7 link plus Chapter 11 This chapter provides a context for concepts previously taught in counting, addition and subtraction. It provides the foundations for the visual and proportional representation required for using bar modelling as the primary strategy for solving word problems. In this chapter, pupils will be reinforcing and contextually using number bonds and simple bars to	Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot MNP Chapter 2 link as above Additional teaching objective to be included in all addition and subtraction lessons rather than a specific lesson			Use their knowledge of the order of operations to carry out calculations involving the four operations NCETM PD MATERIALS LINK 1.30 as above MNP Chapter 2 Link In this unit, pupils will be exploring the four operations, in combination and in isolation. The unit begins with lessons on creating and solving expressions involving brackets, exponents, multiplication, division, addition and subtraction. Pupils are then multiplying 3- and 4-digit numbers by 2-digit numbers using number bonds and column multiplication as the key methods. After this, they

represent word problems. In addition, they will be putting into practice concepts previously taught in number comparison, specifically looking at how many more or how many fewer/less Chapter 3 Lesson 1 Add by using number bonds Lesson 2 Add by counting on Chapter 4 Lesson 1 Subtract by crossing out Lesson 2 Subtract by using number bonds Lesson 3 Subtract by counting back Lesson 4 Making Subtraction stories Lesson 5 Solving Picture Problems Lesson 1 Add by adding on Lesson 2 Add by making 10 Lesson 3 Add by adding ones Lesson 7 Addition and Subtraction facts Chapter 11 Lesson 1 Solving word problems Lesson 5 Solving word problems			are estimating the product of multiplication sentences before moving on to division. Pupils are dividing 3- and 4-digit numbers by 2-digit numbers using a variety of methods, including number bonds and long division. Pupils then begin solving more complex word problems involving multiple operations, including multiplication and division, with bar models being a main heuristic in addition to other pictorial methods. Pupils are then challenged by finding common multiples and common factors before ending the unit exploring prime numbers Chapter 2 Lesson 1 using mixed operations Lesson 2 using mixed operations
	WRITTEN METHODS		

				Add and a blanch ball	
Read, write and interpret	NCETM PD MATERIALS	Add and subtract numbers	Add and subtract numbers	Add and subtract whole	
mathematical statements	LINK	with up to three digits,	with up to 4 digits using	numbers with more than 4	
involving addition (+),	1.11-1.16 above	using formal written	the formal written	digits, including using	
subtraction (-) and equals	MNP Chapter 2 Links as	methods of columnar	methods of columnar	formal written methods	
(=) signs	above	addition and subtraction	addition and subtraction	(columnar addition and	
NCETM PD MATERIALS		NCETM PD MATERIALS	where appropriate	subtraction)	
LINK		LINK		NCETM PD MATERIALS	
1.5-1.7 above		1.20 Algorithms: column	NCETM PD MATERIALS	LINK	
MNP Links as above		addition	LINK	1.26 as above and	
Chapter 3		1.21 Algorithms: column	1.22 Composition and	1.28 Common structures	
Lesson 1 Add by using		subtraction	calculation: 1,000 and	and the part–part–whole	
number bonds		MNP Chapter 2 Link as	four-digit numbers	relationship	
Lesson 2 Add by counting		above plus		1.29 Using equivalence and	
on		Chapter 8	MNP Chapter 2 Link	the compensation property	
Chapter 4		This is a large chapter on	In this chapter pupils will	to calculate	
Lesson 1 Subtract by		money. It allows pupils to	be taught to add and		
crossing out		consolidate previous	subtract with numbers up	MNP Chapter 2 link as	
Lesson 2 Subtract by using		learning on recognising	to 10 000. They will use the	above plus	
number bonds		different denominations	column method for	Chapter 4	
Lesson 3 Subtract by		(both notes and coins) and	addition and subtraction	In this chapter, pupils are	
counting back		the simple addition and	and they will also learn	solving word problems that	
Lesson 4 Making		subtraction of money. It	mental methods for	involve multiple steps and	
Subtraction stories		further develops the	addition and subtraction.	a variety of operations.	
Lesson 5 Solving Picture		concepts related to	Pupils will be encouraged	Pupils begin the unit by	
Problems		addition and subtraction of	to think about when is the	simply choosing the correct	
Lesson 6 Addition and		money using number	most appropriate time to	operation before moving	
Subtraction		bonds as a key method.	use each method. They will	onto representing the key	
Chapter 7		Pupils are then expected to	use the methods taught to	information using bar	
Lesson 1 add by counting		apply their new knowledge	solve word problems:	models. Applying the	
on		to solve word problems	visualising the problems	strategies learned in	
Lesson 2 Add by making		using bar modelling as a	using the bar model	previous units is key in	
10		key strategy	Chapter 2	solving the challenges. The	
Lesson 3 Add by adding		Chapter 2	Lesson 1 Finding Sums	chapter ends with complex	
ones		Lesson 5 Simple	Lesson 2 Addition without	representations of numbers	
Lesson 7 Addition and		Adding	renaming	and change using	
Subtraction facts		Lesson 6 Adding with	Lesson 3 Addition with	advanced bar models	
Chapter 11		renaming	renaming	Chapter 2	
Lesson 1 Solving word		Lesson 7 Adding with	Lesson 4 Addition with	Lesson 1 Counting on to	
problems		renaming	renaming	add	
Lesson 2 Solving word		Lesson 8 Adding with	Lesson 5 Addition with	Lesson 2 Counting	
problems		renaming	renaming	backwards to subtract	
Lesson 5 solving word		Lesson 9 Adding with	Lesson 6 Addition using		
		renaming	•	Lesson 3 Adding within	
problems		Lesson 10 Adding with	mental strategies	1000000	
		renaming	Lesson 7 Addition using	Lesson 4 Adding and	
		1	mental strategies	subtracting within	
				1000000	

		Lesson 15 Simple Subtracting Lesson 16 Subtracting with renaming Lesson 17 Subtracting with renaming Lesson 18 Subtracting with renaming Lesson 19 Subtracting with renaming	Lesson 8 Finding differences Lesson 9 Subtract without renaming Lesson 10 Subtraction with renaming Lesson 11 Subtraction with renaming Lesson 12 Subtraction with renaming Lesson 13 Subtraction with renaming Lesson 14 Subtraction using mental strategies	Lesson 5 Adding within 1000000 Lesson 6 Subtracting within 1000000 Lesson 7 Adding and subtracting within 1000000 Lesson 8 adding within 1000000 Lesson 9 Subtracting within 1000000 Lesson 10 Subtracting within 1000000	
		NS, ESTIMATING and			
NCETM LINK Partition a number of things into two groups, and recognise that those groups can be recombined to make the same total.	Recognise and use the inverse relationships between addition and subtraction and use this to check calculations and solve missing number problems MNP Chapter 2 and 9 link as above Chapter 9 link Lesson 2 Solving Word Problems	Estimate the answer to a calculation and use inverse operations to check answers <i>MNP Chapter 2</i> Chapter 2 Lesson 7 Addition with renaming	Estimate and use inverse operations to check answers to a calculation <i>MNP Chapter 2</i> Chapter 2 Lesson 3 Addition with renaming Lesson 4 Addition with renaming Lesson 5 Addition with renaming Lesson 16 Solving Word Problems	Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy MNP Chapter 1 Link In this chapter, pupils will be looking at numbers and their place value to 1 000 000. The chapter begins reviewing how to read and write numbers to 100 000, quickly moving onto numbers to 1 000 000. Time is spent using concrete materials to represent numbers to 1 000 000, including number discs and place-value charts. Pupils then compare numbers to 1 000 000 using their knowledge of place value in addition to bar model supports to assist them. Pupils complete the unit by making number patterns and rounding numbers to	Use estimation to check answers to calculations and determine, in the context of a problem, levels of accuracy MNP Chapter 1 Link In this first unit of Year 6, pupils are refining their knowledge of place value, working with numbers between 1 000 000 and 10 000 000. They begin the chapter reading and writing numbers to 10 000 000 using number discs, numerals and words. An additional lesson using an abacus is provided to deepen and extend their sense of number and place value. Pupils are then asked to round and compare numbers to 10 000 000, followed by placing them in order from smallest to greatest. The unit ends with pupils rounding numbers to 10

					Lesson 5 Adding within 1000000 Lesson 6 Subtracting within 1000000 Lesson 8 Adding within 1000000 Lesson 9 Subtracting within 1000000 Lesson 10 Subtracting within 1000000	Lesson 5 Multiply by 2 digit numbers Lesson 6 Multiply by 2 digit numbers Lesson 7 Multiply by 2 digit numbers
			PROBLEM SOLVING			
NCETM LINKthat Sub opportunities to apply their understanding Look for reasoning in the response they by comparing actual numbers and explainingpro- nor numbers and explaining7 = which is more eg. A child is shown two boxes and told one has 5 sweets in and one has 3 sweets in. Which box would they pick to keep and why?MN Chat Look for reasoning in the response they give.Look for reasoning in the response they give.Les Sto Sto Chat Les Sto	d missing number oblems such as = -9 CETM PD MATERIALS VK 5-1.7 above NP Chapter 3,4,7,11 link above mapter 3 reson 3 Completing imber sentences sson 4 Making Addition ories sson 5 Solving Picture	Solve problems with addition and subtraction: Using concrete objects and pictorial representations, including those involving numbers, quantities and measures Applying their increasing knowledge of mental and written methods Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change NCETM PD MATERIALS LINK 1.11-1.16 above MNP Chapter 2 link as above plus MNP Chapter 5 Link In this chapter pupils will get a better understanding of how to measure length. They will begin by	Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction NCETM PD MATERIALS LINK 1.17-1.21 as above MNP Chapter 8 link as above plus Chapter 5 This chapter looks at length in metres and centimetres before moving on to kilometres. Pupils will learn to measure different items using centimetres, metres and kilometres. They will also be able to convert different units of measurement as well as compare different lengths. The chapter ends with five lessons on problem solving involving length, in which pupils use their mental and	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why NCETM PD MATERIALS LINK 1.22 as above and 1.25 Addition and subtraction: money MNP chapter 2 as above link plus Chapter 9 In this chapter, pupils will learn how to count and record in pounds and pence. They will make links between tenths and hundredths and decimal notation for money.They will learn how to compare amounts of money by looking at significant digits and by converting amounts from pounds to pence and	Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why NCETM PD MATERIALS LINK 1.26-1.29 as above MNP Chapter 2 and 4 Link as above Chapter 2 Lesson 7 Addition and Subtraction within 1000000 Lesson 8 Adding within 1000000 Lesson 9 Subtracting within 1000000 Lesson 10 Subtracting within 1000000	Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why Solve problems involving addition, subtraction, multiplication and division. NCETM PD MATERIALS LINK 1.30 as above 1.31 Problems with two unknowns MNP Chapter 5 link In this chapter, the focus is on converting units of measurement using fractions and decimals. Pupils begin by converting units of length and distance followed by exploring units of mass, volume and time. While most of the chapter considers metric

Lesson 6 Subtract from 1		the bar model method for	taught how to round	challenging as it does not
Chapter 11	progress to using them in	visualisation	money to the nearest	follow multiples of 10, 100
Lesson 3 Solving word	real-life contexts	Chapter 6	pound and understand	or 1000
problems	Chapter 6	This chapter looks at length	contexts in which this	MNP Chapter 6 Link
Lesson 4 Solving word	In this chapter, pupils will	in metres and centimetres	would be a useful skill to	In this chapter, pupils solve
problems	be learning about mass in	before moving on to	know. They will use this	complex word problems
Lesson 5 Solving word	the context of kilograms	kilometres. Pupils will learn	skill to estimate amounts	using the four operations
problems	and grams. They will learn	to measure different items	and totals. They will apply	and bar model diagrams.
Lesson 6 Solving word	how to read a scale, to	using centimetres, metres	these skills to	To start the unit, pupils
problems	compare the weight of	and kilometres. They will	problem-solving situations,	learn that making bar
	different objects and to	also be able to convert	finding totals and	models of the same size
	solve word problems	different units of	calculating change. They	can be helpful, but that one
	relating to mass	measurement as well as	will also learn how to	must remember to change
	Chapter 9	compare different lengths.	visualise a money problem	the information in the
	In this chapter, pupils will	The chapter ends with five	using a bar model and	problem to match. The
	be looking at using	lessons on problem solving	begin to explore unequal	second lesson reinforces
	addition and subtraction to	involving length, in which	sharing in the context of	the idea that models of the
	help them solve word	pupils use their mental and	money	same size can make solving
	problems. Initially, pupils	procedural skills to solve	Chapter 2	word problems more
	will be looking at when	problems with the aid of	lesson 15 Solving word	simple. In the third lesson,
	addition and subtraction	the bar model method for	problems	pupils find common
	are most appropriate:	visualisation	Lesson 16 Solving word	representations in each
	teaching them decision	Chapter 2	problems	diagram and add or
	making. The bar model	Lesson 6 Add with	Lesson 17 Solving word	subtract time to solve for a
	method emphasis in this	renaming	problems	unit's value. The fourth
	chapter focuses on	Lesson 16 Subtracting with	problems	lesson is slightly different in
	modelling two different	renaming		that a traditional bar
	amounts by recognising	Lesson 17 Subtracting with		model will not be helpful.
	what is the same about the	renaming		The In Focus task requires
	two amounts (two equal	Lesson 18 Subtracting with		high-order reasoning and
	bars) plus the difference	renaming		picture drawing. In the last
		0		
	(the greater amount). This	Lesson 19 Subtracting with		two lessons, pupils create
	is important for later	renaming		and solve word problems
	constructions involving	Lesson 20 Using models		Chapter 2
	more complex problems	Lesson 21 Using Models		Lesson 3 Multiply by 2
	Chapter 10	Lesson 22 Using Models		digit numbers
	This is the final chapter on	Lesson 23 Using Models		Lesson 4 Multiply by 2
	money in Year 2. Pupils will			digit numbers
	be reviewing concepts on			Lesson 5 Multiply by 2
	writing and counting			digit numbers
	money in addition to			Lesson 6 Multiply by 2
	extending their knowledge			digit numbers
	of how to represent money			Lesson 7 Multiply by 2
	using £ and p. They will be			digit numbers
	reinforcing previous			-
	counting methods using			

		fives and tens to count quickly and efficiently.				Lesson 9 Divide by 2 digit numbers
		They will be required to				Lesson 10 Divide by 2 digit
		show equal amounts of				numbers
		money and how to				Lesson 11 Divide by 2 digit
		exchange money. By the				numbers
		end of the unit, they will				Lesson 12 Divide by 2 digit
		be using bar modelling to				numbers
		calculate the total amount				Lesson 13 Divide by 2 digit
		of money spent and then				numbers
		working out how much change is required from				Lesson 14 Solve Word Problems
		amounts below £100				Lesson 15 Solve Word
		Chapter 2				problems
		Lesson 4 Simple adding				Lesson 16 Solve Word
		Lesson 5 adding with				Problems
		renaming				
		Lesson 9 Simple				
		subtracting				
		Lesson 12 Subtracting with				
		renaming				
		Chapter 9				
		Lesson 1 Solving word				
		problems				
		Lesson 2 Solving word				
		problems				
		Lesson 3 Solving word				
		problems Lesson 4 Solving word				
		problems				
		Chapter 10				
		Lesson 7 Comparing				
		amounts of money				
		Lesson 8 Calculating total				
		amount				
		Lesson 9 Calculating				
		change				
		Lesson 10 Solving word				
		problems				
		Concrete Resources/	Vanipulatives : Identi	fying and Representing		1
Objects for counting	Objects for counting (10)	0–9 digit cards (one	Whiteboards and pens	Base 10 materials	Place-value charts	Counters (between two)
Counters		between two)	(between two)	(between two)	(between two)	Six-sided dice (one between
Linking cubes						four)

Ten frames	Part–whole diagram (made	Place-value charts (one	0–9 digit cards (between	Place-value charts	Place-value discs	Operations cards
Part whole laminated	from three paper plates)	between two)	two)	(between two)	(between two)	1–6 digit cards (set
diagrams	(one between two)	Laminated part-whole	Blank number tracks	Place-value discs	1–9 digit cards (each)	between four)
Numicon	Linking cubes (10 between	diagrams (one between	(between two)	2–8 digit cards (between	Number cards (one	Place-value discs (betweer
Digit cards	two)	two)	Base 10 materials	two)	set between two)	two)
Number tracks	Paper plates (three	Objects for counting	(between two)	Base 10	Blank number lines	1–9 digit cards (set
	between two)	Baskets/boxes	Place-value charts	materials/place-value discs	(increments marked)	between three or four)
	Number discs (10 between	Number lines/tracks	(between two)	(useful but not essential)		Square coloured tiles
	two)	Tens and ones (to 100) (one	0, 2 and 4–9 digit cards	Whiteboards and pens		(between two)
	Counters	set between two)	(one set between two)	(between two)		
	Laminated part-whole	Blank number tracks	2–4 and 7–9 digit cards	Card strips divided into		
	diagrams (one between	Six-sided dice (two	(one set between two)	tenths (between two)		
	two)	between two)	Number line to 100	Card strips (between two)		
	Linking cubes	Base 10 materials	Number lines (increments	£2; £1; 10p coins (between		
	counters	Strips of paper (for bar	marked) (between two)	two)		
	Bead strings (one between	modelling)	Linking cubes	Coins (set between two)		
	two)	Whiteboards and pens	Coins and notes (full set or	Pennies (between two)		
	Number bonds within 10	(between two)	more between two)	Coins and notes (set		
	flashcards	Coins and notes (set	Priced items 'for sale' (set	between two)		
	0–10 number lines (one	between two)	between two)	Laminated number lines		
	between two)	Cards showing amounts of	Coins (full set or more	(10 increments) (between		
	A bag/box for hiding	money to match coins (set	between two)	two)		
	objects	between two)	Price list/shopping list	Bar model strips (between		
	Subtraction equation cards	Sterling notes set (between	(between four)	two)		
	within 10 (one set between	two)	Leaflet displaying shop	Place-value charts		
	four)	Coins (set between two)	prices (between four)	(between two)		
	Whiteboards and pens	Envelopes with pre-made	Newspapers (between	· ·		
	(between two)	amounts of money	four)			
	Subtraction flashcards	enclosed (set between two)	Magazines (between four)			
	within 10 (one between	Labelled 'shop' objects (set	Catalogues (between four)			
	two	between four)				
	0–20 number tracks (one					
	between two)					
	Nine-sided dice (one					
	between two or three)					
	Six-sided dice (one between					
	two or three)					
	Ten frames (two between					
	two)					
	0–9 digit cards (two sets					
	between two)					
	Square tiles (20 between					
	two)					
	1–4 and 10–15 digit cards					
	(one set between groups of					
	three to four)					

0–9 and 1–20 digit cards (one set between three to			
(one set between three to			
four)			