

	Complexity	Utility	Strong Start To include baseline and prerequisite knowledge from Nursery PoS	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7	Block 8	Block 9	Block 10	Block 11	Block 12	Block 13	Block 14	Block 15	Block 16	Block 17	Block 18
Reception				numbers 0-3	number 4 & 5	pattern	composition of 1, 2 & 3	composition of 4 & 5	length & weight	number 6, 7 & 8	number 9 & 10	2D shape	composition of 6, 7 & 8	2D & 3D shape	composition to 10	sharing & grouping	length, weight & volume	composition to 10	sharing & grouping	numbers beyond 10	position & direction
			weeks 1 & 2	Autumn1 weeks 3 & 4	weeks 5 & 6	weeks 7 & 8	weeks 9 & 10	Autumn 2 weeks 11 &	weeks 13 &	weeks 1 & 2	Spring 1 weeks 3 & 4	weeks 5 & 6	weeks 7 & 8	Spring 2 weeks 9 & 10	weeks 11 &	weeks 1 & 2	Summer 1 weeks 3 & 4	weeks 5 & 6	weeks 7 & 8	Summer 2 weeks 9 & 10	weeks 11 &
Counting																					
count verbally in sequence beyond 10	1	4		X	X					X	X									X	
count actions, sounds and objects, including irregular arrangements	2	4		X to 3	X (to 5)					X (to 8)	X (to10)										
count items touching one to one	1	4		X to 3	X (to 5)					X (to 8)	X (to10)										
know the stable order principle	1	4		X to 3	X (to 5)					X (to 8)	X (to10)										
recognise numerals from 0-10 and put these in sequence	2	4		X to 3	X (to 5)					X (to 8)	X (to10)										
Comparison																					
use number names and language when comparing (more than, fewer than, equal to)	3	4					X to 3	X to 5					X (to 8)		X (to 10)					X	
know the order of numbers in relation to each other	2	4					X to 3	X to 5					X (to 8)		X (to 10)					X	
estimate the number of objects	2	4																		X	
show an interest in large numbers (through story)	1	3																		X	
Cardinality																					
subitise numbers to 5	1	4		X to 3	X (to 5)					X	X										
count out up to 10 objects from a larger group	2	4		X to 3	X (to 5)					X (to 8)	X (to 10)										
match the numeral with a number of items	3	4		X to 3	X (to 5)					X (to 8)	X (to 10)										
develop a strong understanding of cardinality	2	4		X to 3	X (to 5)					X (to 8)	X (to 10)										
Composition																					
show an awareness of composition to 10 by partitioning in different ways	4	4					X of 3	X to 5					X (to 8)		X (to 10)			X (to 10)			
recall number bonds to 5 and some to 10	4	4					X to 3	X to 5					X (to 8)		X (to 10)			X (to 10)			
							X to 4 (double 1, double 2)														
recognise some doubles to 10	4	4					X to 3	X to 5					X (to 8 - double 3 & 4)		X (to 10 - double 5)			X (to 10)			
add one and subtract one with numbers to 10	3	4					X to 3	X to 5					X (to 8)		X (to 10)			X (to 10)			
represent mathematical problems with part whole models	4	3					X to 3	X to 5					X (to 8)		X (to 10)			X (to 10)			
represent mathematical problems with symbols	4	1																X (to 10)			
recognise one more and one less in a counting sequence	3	4		X to 3 (one more only)	X to 5 (one more only)		X to 3	X to 5					X (to 8)		X (to 10)			X (to 10)			
Sharing and grouping																					
sharing	3	3														X (to 10)			X (beyond 10)		
grouping	4	3														X (to 10)			X (beyond 10)		
recognise equal and unequal groups	3	3														X (to 10)			X (beyond 10)		
recognise odds and evens	4	4														X (to 10)			X (beyond 10)		
find and make doubles	4	3														X (to 10)			X (beyond 10)		
Pattern																					
recognises, describes and builds repeating patterns including AB, AAB, ABC & AABC	3	2				X															
						X (enrichment content)															
can fix missing elements of a pattern	4	2				X															
can duplicate a repeating pattern	2	2				X															
can extend a repeating pattern (including those with a partial repeat)	3	2				X															
Measures - length																					
orders length	2	1							X								X				
compares unmarked lengths that are distinctly different into broad categories	1	1							X								X				
connect knowledge of number to length	2	1							X								X				
measures objects using non-standard units	2	1							X								X				
Measures - weight																					
to recognise that size does not denote weight	4	2							X								X				
to know when an object is heavier or lighter	1	3							X								X				
to know when two objects are of equal weight	2	2							X								X				
explore standard units (metre rules, trundle wheels)	1	1															X				
Measures - volume																					
able to estimate the number of cubes or scoops to fill a container	2	1															X				
able to recognise that height does not denote volume	4	2															X				
recognises when a container is half full	3	2															X				
exhibits initial spatial structuring (eg select the correct size box for an object)	3	2															X				
recognise when a container is full or empty	1	2															X				
Use and apply an understanding of 2D shape																					
recognises and classifies a wider variety of shapes with different sizes and orientations	3	3										X		X							
can name or identify a shape from the description of a shape's attributes	2	3										X		X							
can use manipulatives to represent parts of shapes, such as the sides	3	2										X									
Use and apply an understanding of composition and decomposition of 2D shape																					
puts several shapes together to make a picture or part of a picture	1	1										X									
can orient a shape intentionally to fill outlined puzzles (rotating and flipping)	1	2										X									
can complete a puzzle by combining shapes without the internal guidance of outlines	2	1										X									
composes and decomposes shapes with anticipation understanding what 3d shape will be produce	2	2																			
Use and apply an understanding of 3D shape																					
recognises more 3D shapes using formal or informal language	3	2												X							
recognises faces as 2D shapes	2	2												X							
Use and apply an understanding of composition and decomposition of 3D shape																					
composes shapes with anticipation understanding what 3D shape will be produced	2	2												X							
can produce arches, ramps, corners, crosses and roofs	3	2												X							
Use and apply knowledge of position and direction																					
uses words of reference such as 'behind', 'underneath' in meaningful contexts	3	2																			X
can follow directions and draw a map	4	1																			X
uses directional language	4	1																			X