## **7e Long Term Plan**

	Topic	Representation	Example	Keywords / Big Questions
Autumn Term				
1	Place Value	HTO Cubes	Place Value Blocks 14 14 14 14 14 14 14 14 14 14 14 14 14	
	Addition / Subtraction	Bar Models Column Method	Teaching the Four Operations with But Models    According to Four Operations with But Models	
2	Addition / Subtraction	Bar Models Colum Method	Teaching the Four Operations with Bar Models  Accomos 3 + 4-7	
	Multiplication	Arrays Area Model	Teaching the Four Operations with Bar Models    Appendix   Supplement   Supplement	

	Sequences	Colours and Patterns	Sequences may be ordered in many ways.  Shape  shape and colour  colour and rotation  number and rotation  number by addition (arithmetic sequence)  +2 2, 4, 6, 8, 10, 12, 14, number by multiplication (geometric sequence)  x 2 2, 4, 8, 16, 32, 64, 128
Spring Term			
1	2D Shapes – Area and Perimeter	Bar Models (Perimeter)	Perimeter 4 2 4 2
	2D Shapes – Properties		
2	Division and Factors	Factor Families	
	Fractions and Ratio	Bar Model	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
Summer Term			
1	Place Value (Recap)	HTO Cubes	Fig. 100   -10   -1

	Addition / Subtraction	Bar Models Column Method	Teaching the Four Operations with Bar Models  Teaching the Four Operations with Bar Models  ADDITION SURFFACTION 34-17  31-1-1  3-4-7  31-1-1  3-4-7  31-1-5  3-4-7  31-1-5  3-1-7  31-1-5  3-1-7  31-1-5  3-1-7  31-1-5  3-1-7  31-1-5  3-1-7  31-1-5  3-1-7  31-1-5  3-1-7  31-1-5  3-1-7	
			MALTHICATION	
	Geometry – Position 1 quad coordinates			
2	Time and Calendar	Manipulatives		
	Money	Manipulatives		