# Year (5)

## Small Steps Guidance and Examples

**Block 1: Place Value** 



### Year 5 - Yearly Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Num	ber – Place	e Value		per – Addition Subtraction			Number – Multiplication and Division		Perimeter and Area		Consolidation
Spring	Numb	er – Multip and Divisio			Number – Fractions						Number – Decimals & Percentages	
Summer		Number – Decimals				Geometry- Properties of Shapes				Measures Volume		Consolidation

#### Year 5 - Autumn Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
least 1000000 each digit.  Count forward powers of 10 f 1000000.  Interpret nega forwards and I negative whole zero. Round any nue nearest 10, 10  Solve number problems that  Read Roman in	te Value rder and compare and determine the sor backwards in or any given num tive numbers in co backwards with pe numbers includ mber up to 10000 0, 1000, 10000 ar problems and pra involve all of the sumerals to 1000 rs written in Roma	ne value of n steps of ber up to context, count ositive and ing through 000 to the nd 100000 actical above. (M) and	Number- Addit Subtraction Add and subtra mentally with i large numbers  Add and subtra numbers with digits, includin written metho addition and si Use rounding t answers to cald determine, in t a problem, leve accuracy.  Solve addition subtraction mu problems in co deciding which and methods t why.	act numbers ncreasingly act whole more than 4 g using formal ds (columnar ubtraction) o check culations and the context of els of and ulti-step ntexts, operations	Statistics Solve comparise difference problem information problem in graph.  Complete, read information in the including timetal including	esented in a a land interpret tables	facts.  Multiply and di numbers by 10, Identify multipli including findin a number, and two numbers.  Recognise and numbers and conthe notation for cubed (3)  Solve problems multiplication a including using of factors and rand cubes.  Know and use the prime numbers composite (nor	vide numbers ng upon known  vide whole , 100 and 1000.  les and factors, ng all factor pairs of common factors of  use square ube numbers and r squared (²) and  s involving and division their knowledge multiples, squares  the vocabulary of s, prime factors and n-prime) numbers.  her a number up to d recall prime	Perimeter and Measure and operimeter of contectilinear shall and m.  Calculate and the area of recontection (including squaincluding using units, cm², m² the area of irreshapes.	calculate the composite pes in cm  compare ctangles ares), and g standard estimate	Consolidation

## Year 5 - Spring Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Multiply and drawing upor  Multiply num or two digit n written meth	ultiplication and divide numbers in known facts.  Thers up to 4 digumber using a fod, including long for 2 digit num	mentally its by a one ormal	Identify, name tenths and hun	rder fractions wh	lent fractions of a	Number: Decimals Read, write, order numbers with up t places.  Recognise and use relate them to ten and decimal equiv					
digit number method of sh remainders a context.	ers up to 4 digits using the forma ort division and ppropriately for ms involving add	l written interpret the	Add and subtract fractions with the same denominator and denominators that are multiples of the same number.  Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.						Round decimals w places to the near number and to on Solve problems in up to three decima	Consolidation	
and a combin	multiplication ar nation of these, i	ncluding	Solve problems	and and write decimal numbers as fractions [ for example $0.71 = {}_{100}$ ] we problems involving multiplication and division, including scaling by simple fractions and oblems involving simple rates.					Recognise the per and understand the relates to 'number hundred', and write a fraction with der and as a decimal.	Consc	
									Solve problems will knowing percenta equivalents of 1 1 2/2 4 fractions with a demultiple of 10 or 3	ge and decimal 1 2 4 2 5 5 5 and those nominator of a	

multiple of 10 or 25.

#### Year 5 - Summer Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Multiply and d decimals by 10	ivide whole numb , 100 and 1000. erations to solve ength, mass, volu	bers and those i	nvolving ving measure [	Identify 3D sha cuboids, from 2 Use the proper related facts ar angles.  Distinguish bet polygons based and angles.  Know angles ar and compare a  Draw given ang degrees (°)  Identify: angles (total 360°), an	perties of Shapes pes, including cub 2D representations ties of rectangles and find missing lend ween regular and don reasoning about the measured in degrees, and measure sat a point and on gles at a point on otal 180°) other measure are measured to the cut of the measure sat a point and on gles at a point on otal 180°) other measure measure are point on otal 180°) other measure contains the cut of the c	to deduce gths and irregular out equal sides grees: estimate reflex angles. them in	Geometry- position and direction Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.	example, km a m; cm and mr and ml]  Understand a approximate a between meti common impe as inches, pou	een different c measure [for and m; cm and m; g and kg; l  nd use equivalences ric units and erial units such unds and pints.	Measures Volume Estimate volume [for example using 1cm³ blocks to build cuboids (including cubes)] and capacity [for example, using water] Use all four operations to solve problems involving measure.	Consolidation